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1977

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(continued on next page)

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E21B 7/20 33/14 43/10

(52) UK CL (Edition V):
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(56) Documents Cited:
US 5181571 A **US 4402372 A**

(58) Field of Search:
UK CL (Edition V) **E1F FCL**
INT CL⁷ **E21B**
Other: Online: **WPI, EPODOC, JAPIO**

(54) Abstract Title: **Inserting a tubular member into a wellbore**

(57) A tubular member is coated with a lubricating fluid, e.g. a drilling mud lubricant, to facilitate its placement in a wellbore and to reduce surge pressures.

GB 2 388 860 A

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GB 2388860 A continuation

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1/75

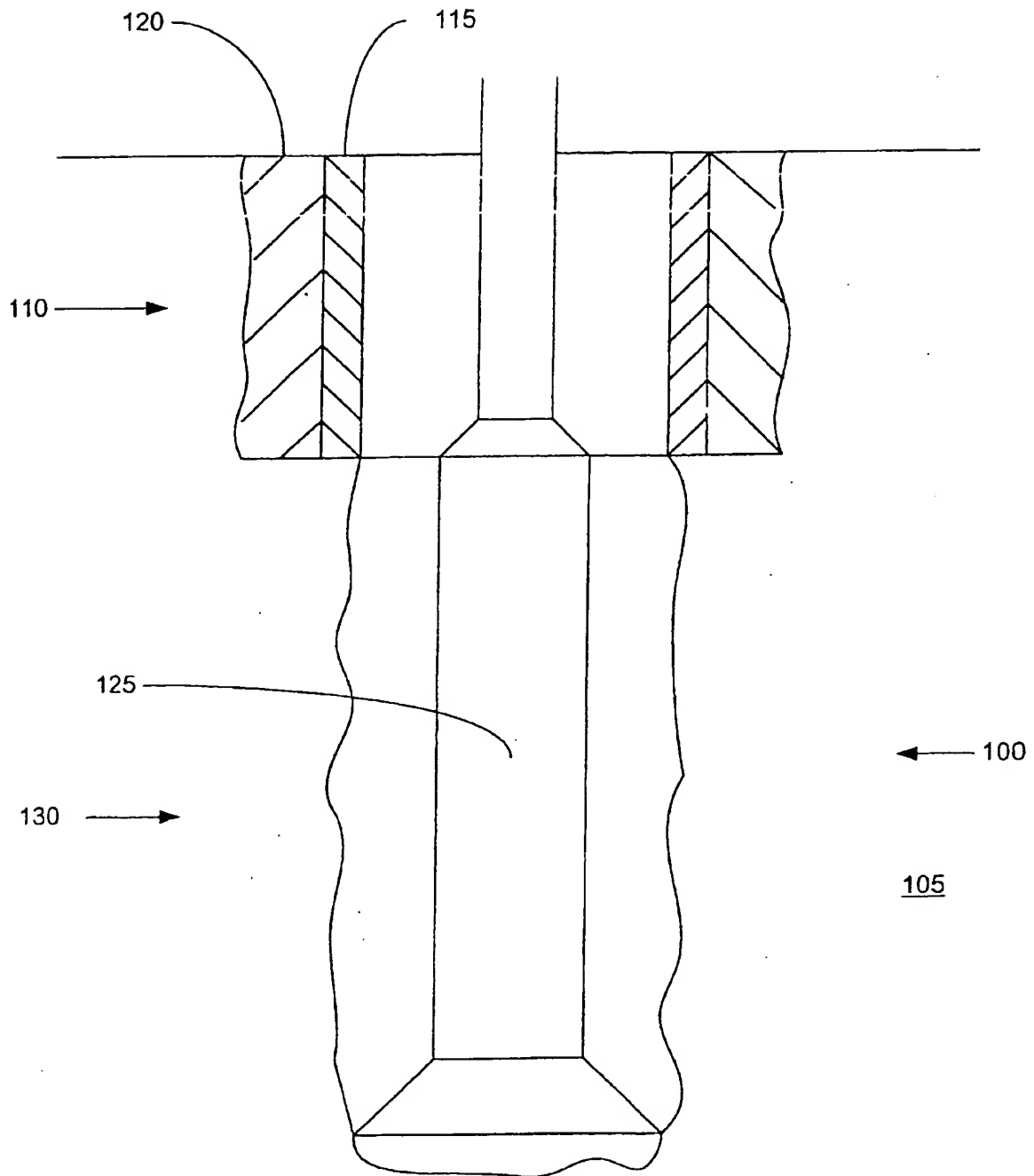


FIGURE 1

275

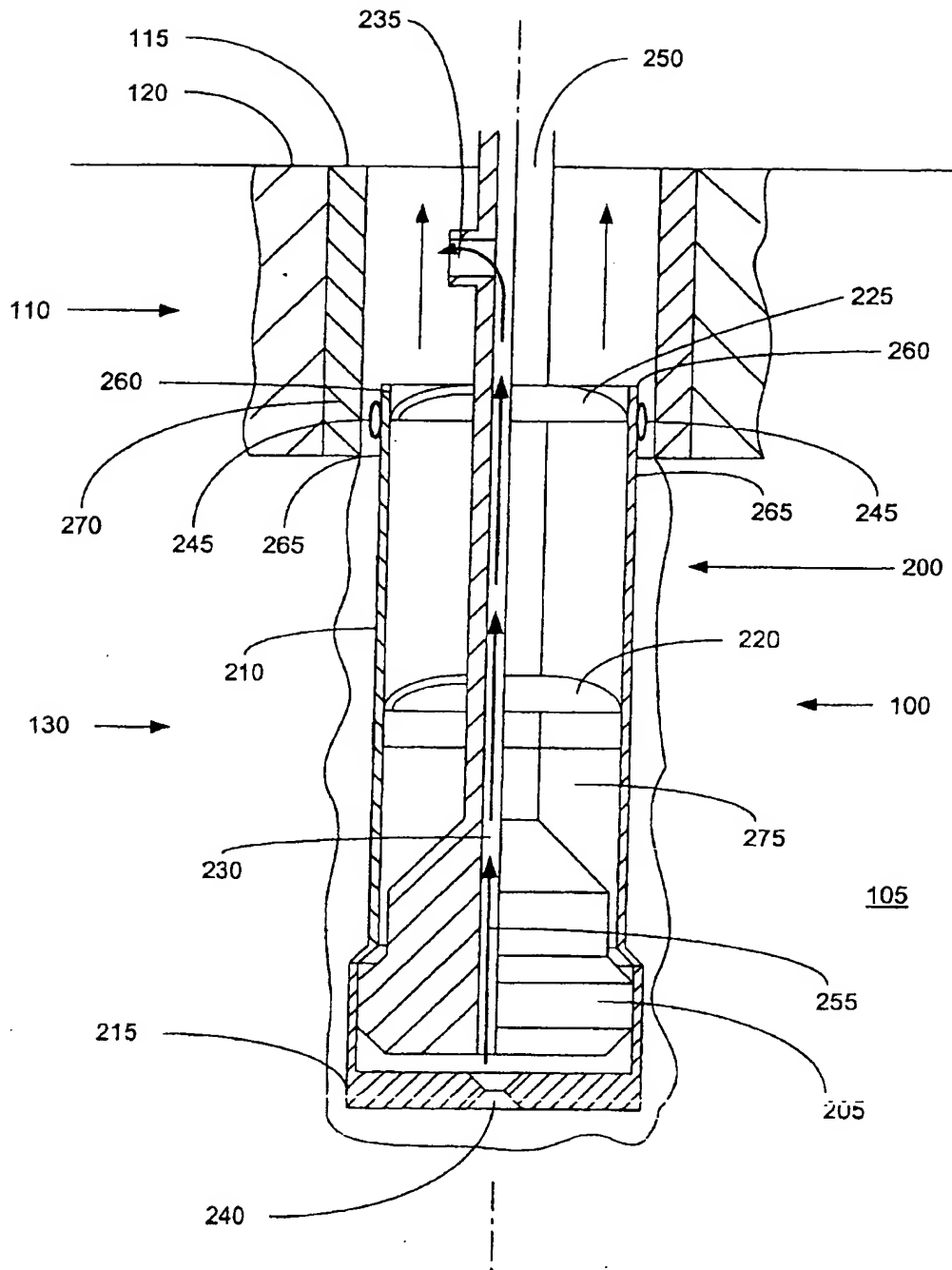


FIGURE 2



FIGURE 3

FIGURE 3a

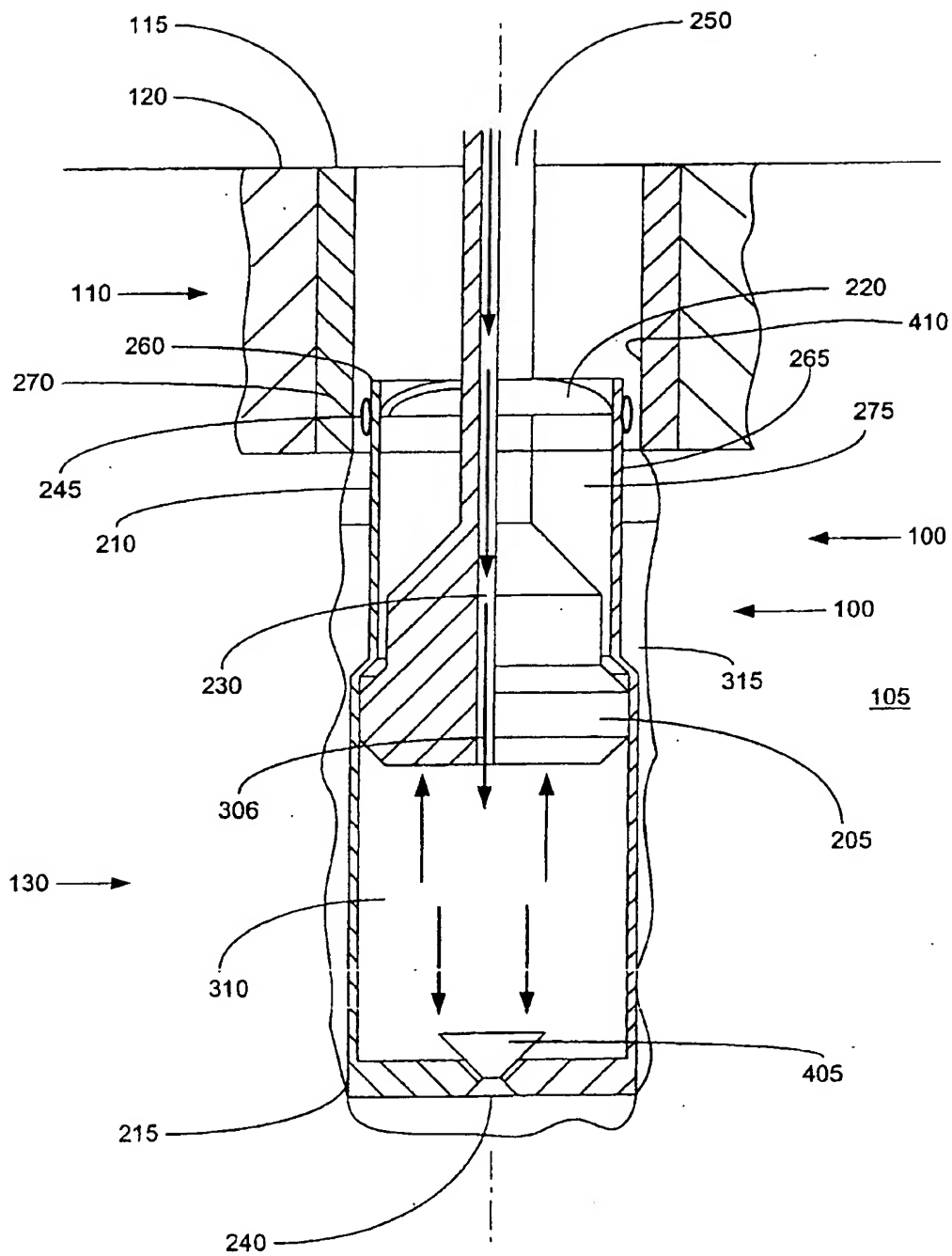


FIGURE 4

6/75

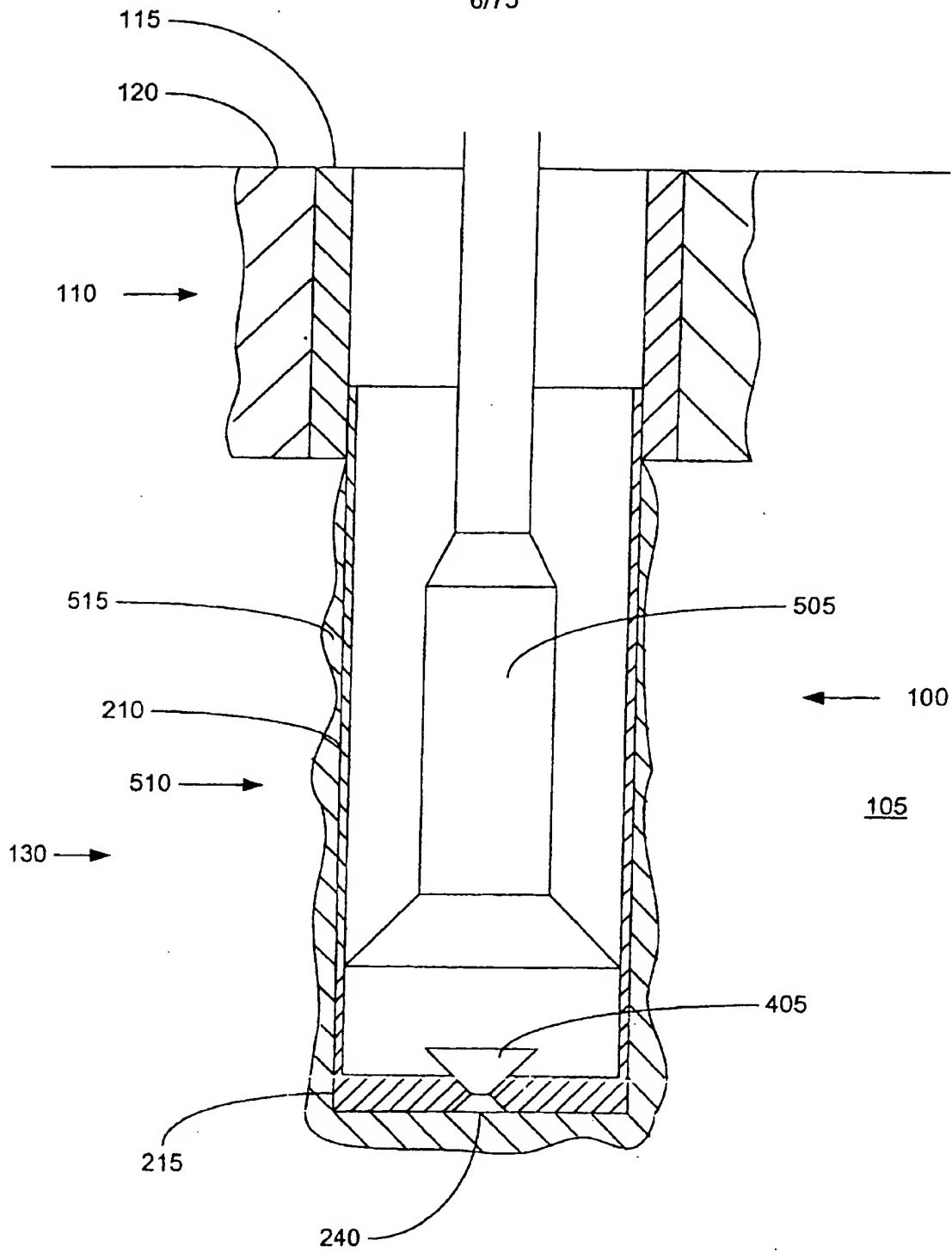


FIGURE 5

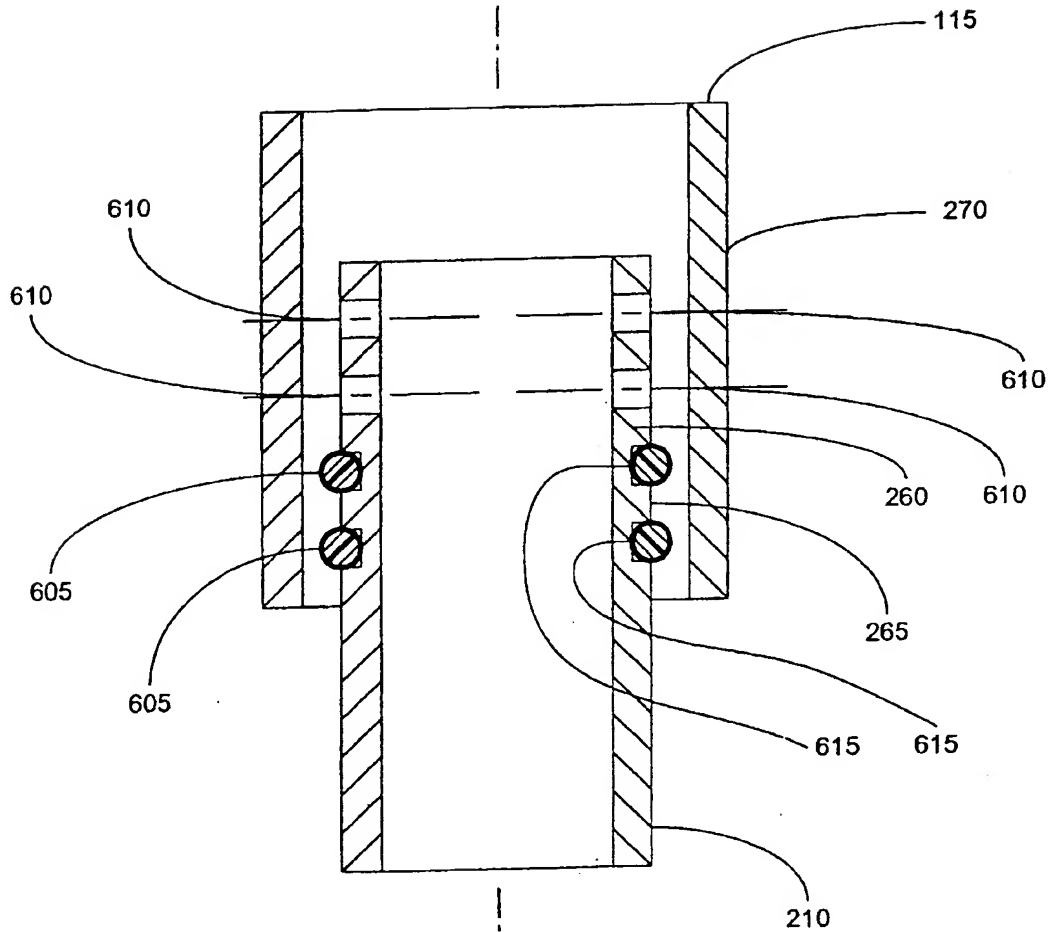


FIGURE 6

8/75

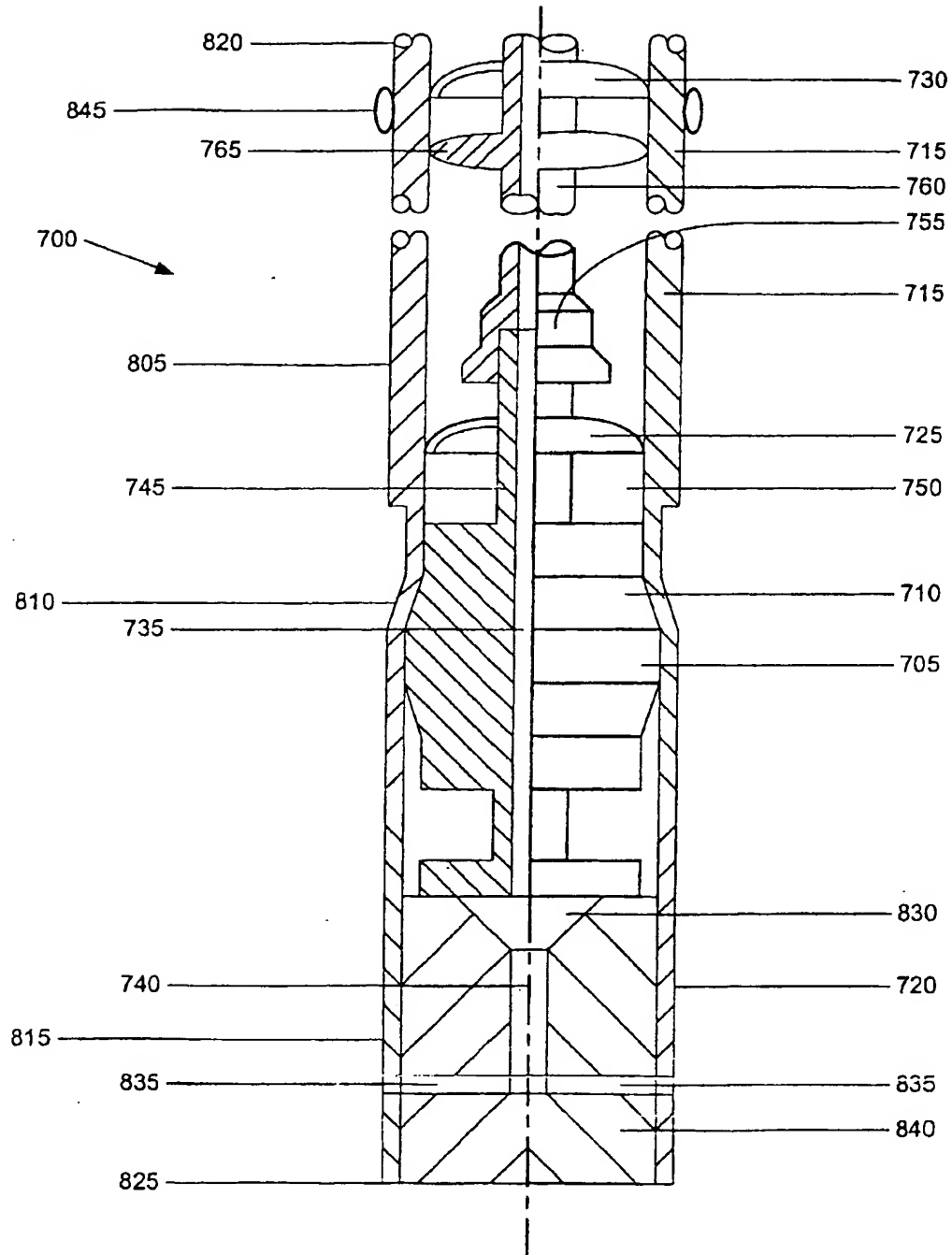


FIGURE 7

9/75

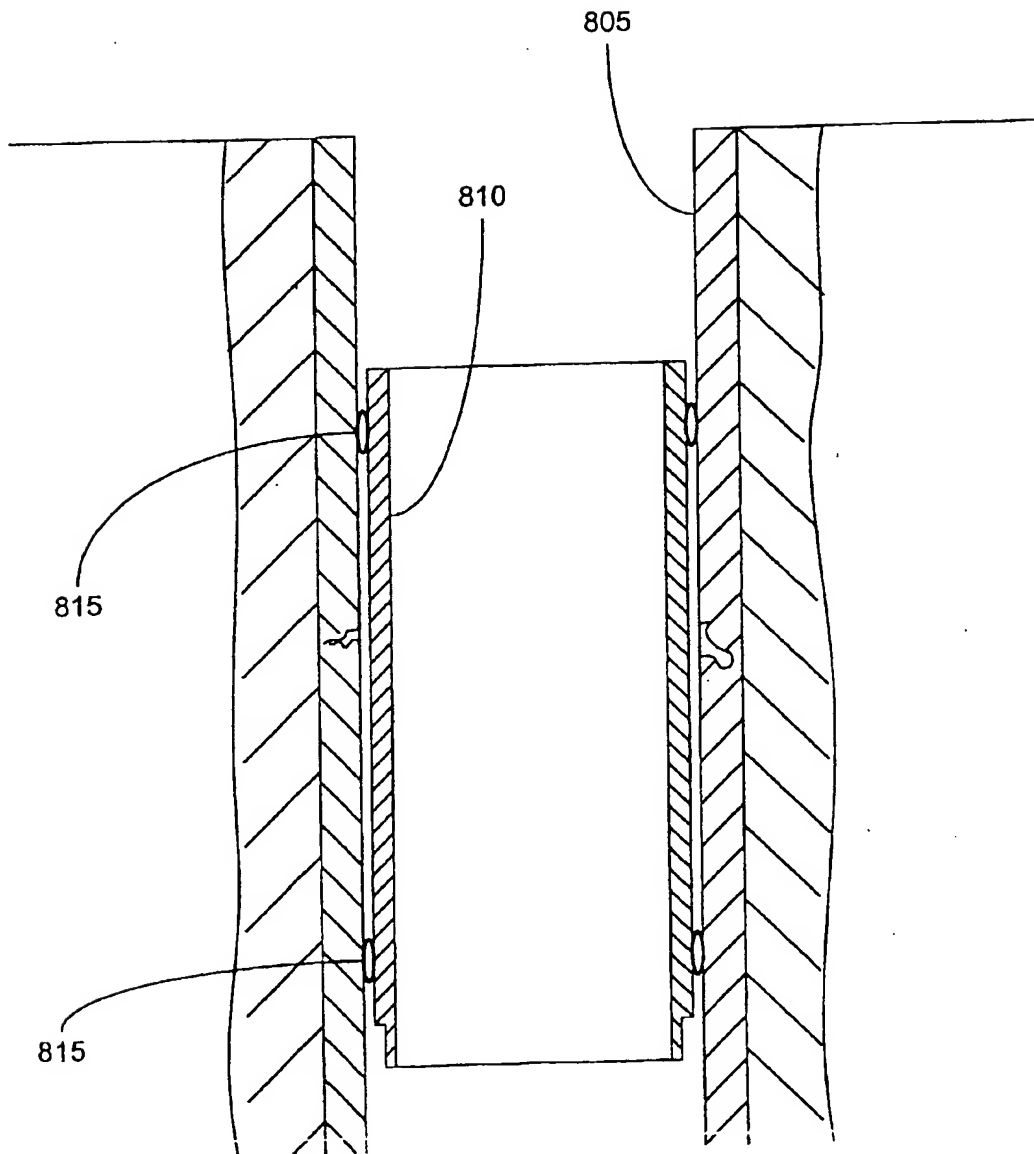


FIGURE 8

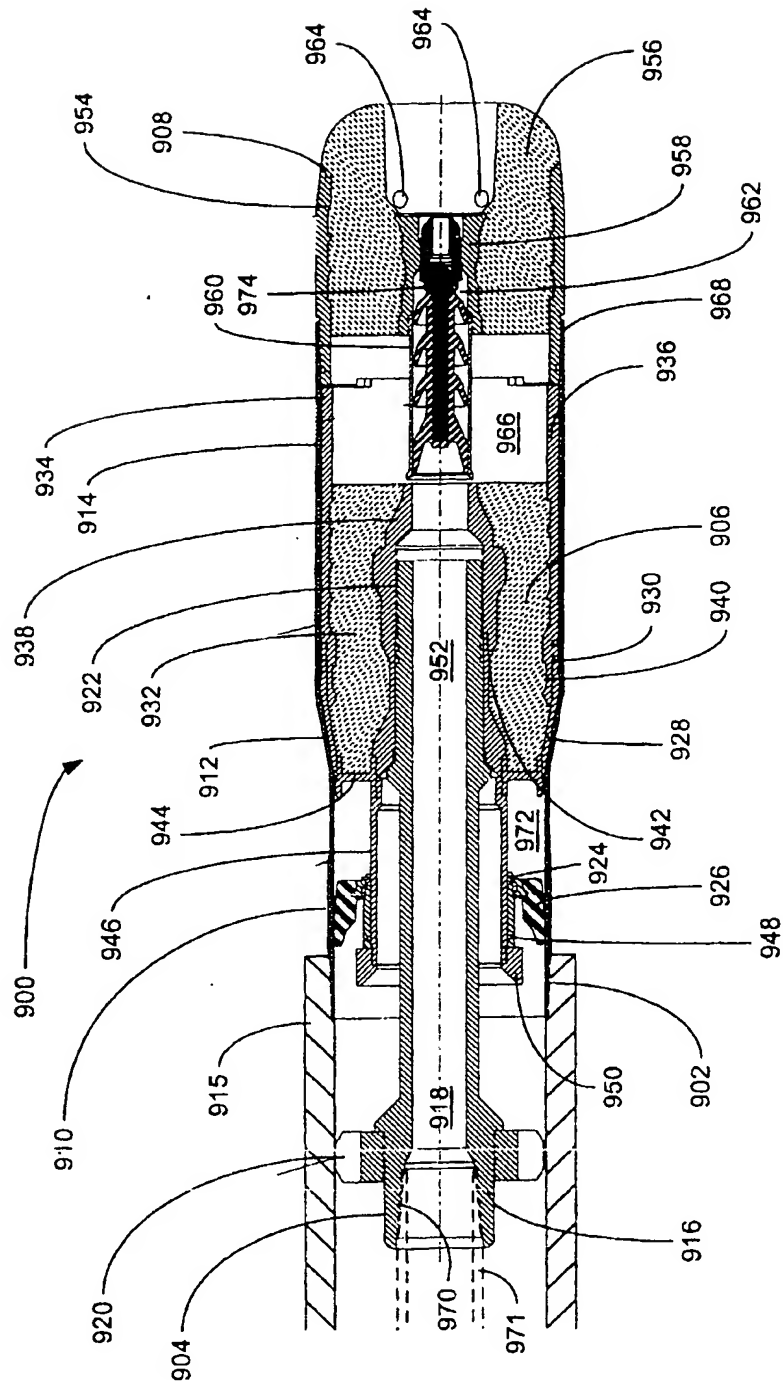


FIGURE 9

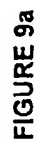


FIGURE 9a

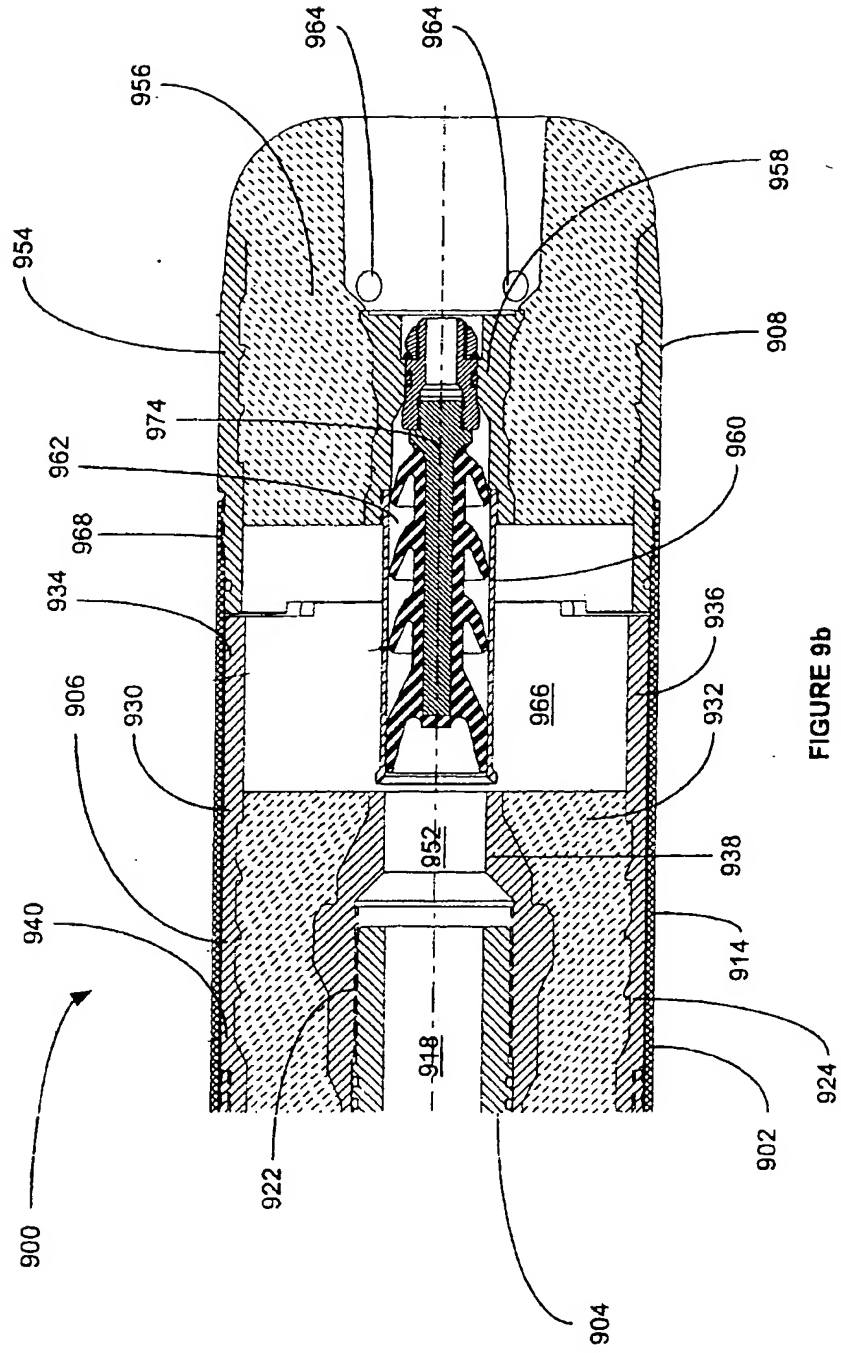


FIGURE 9b

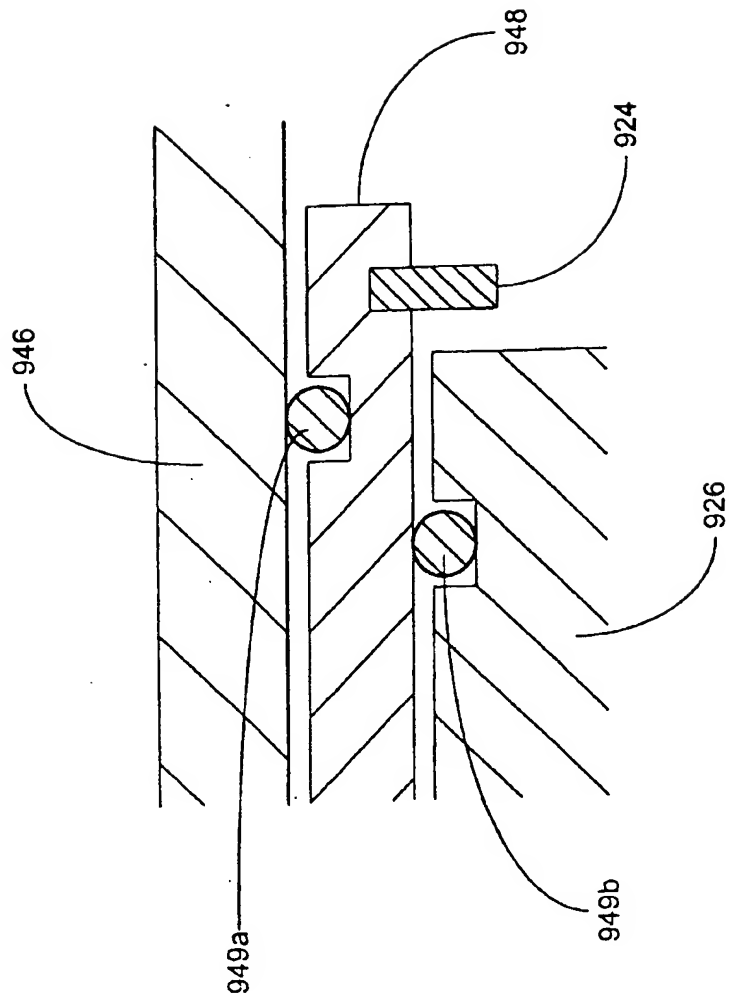


FIGURE 9C

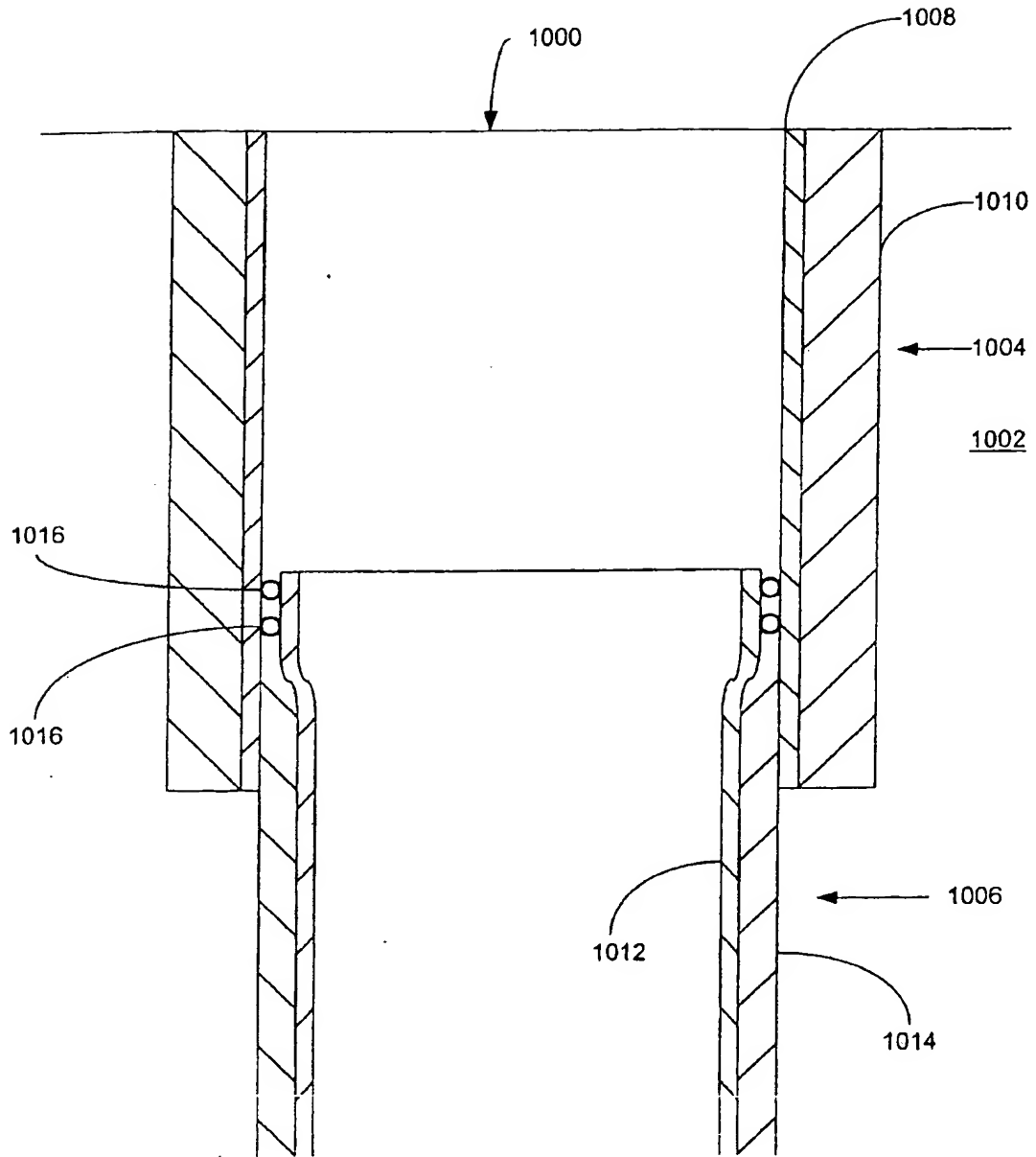


FIGURE 10a

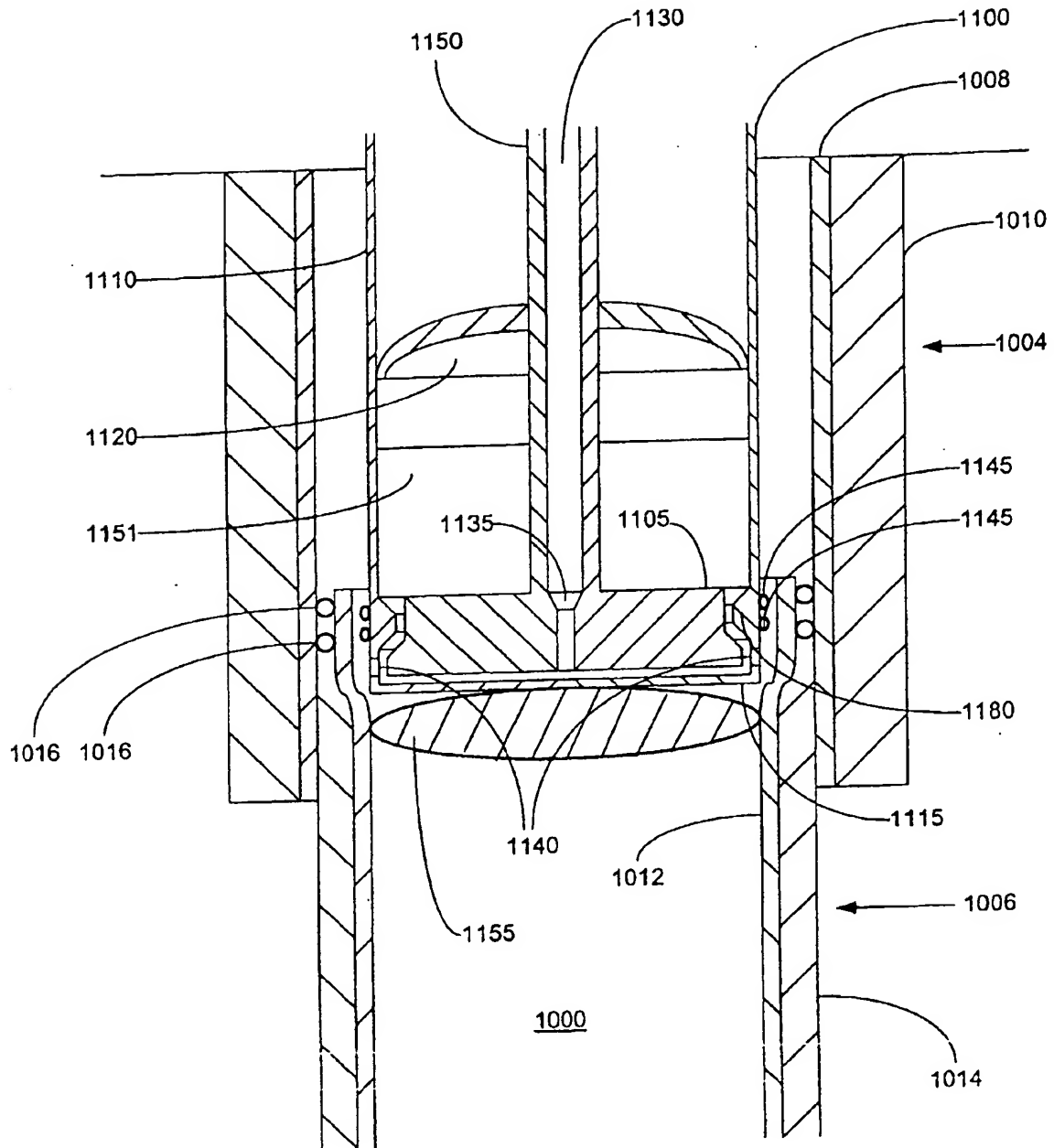


FIGURE 10b

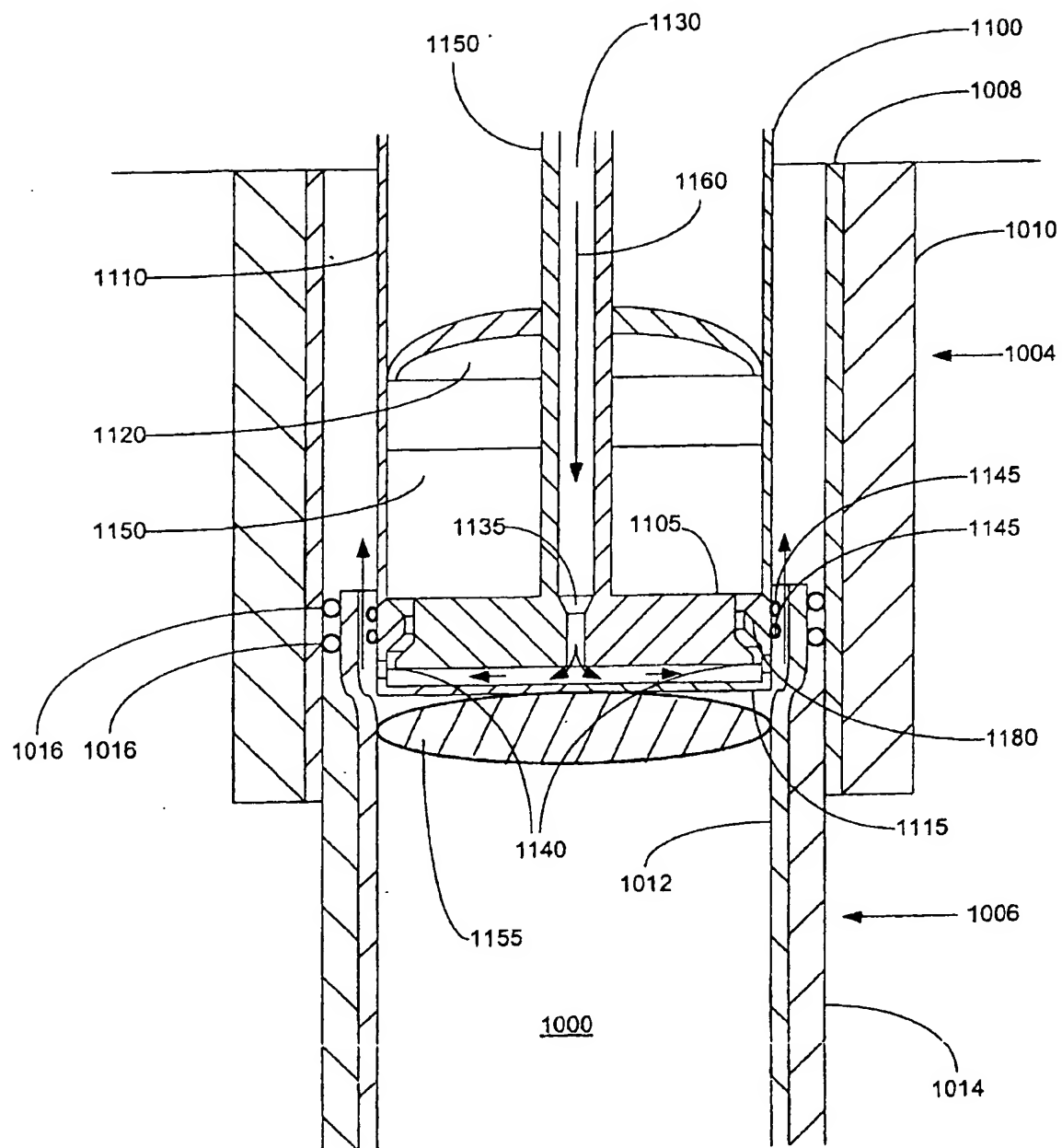


FIGURE 10c

17/75

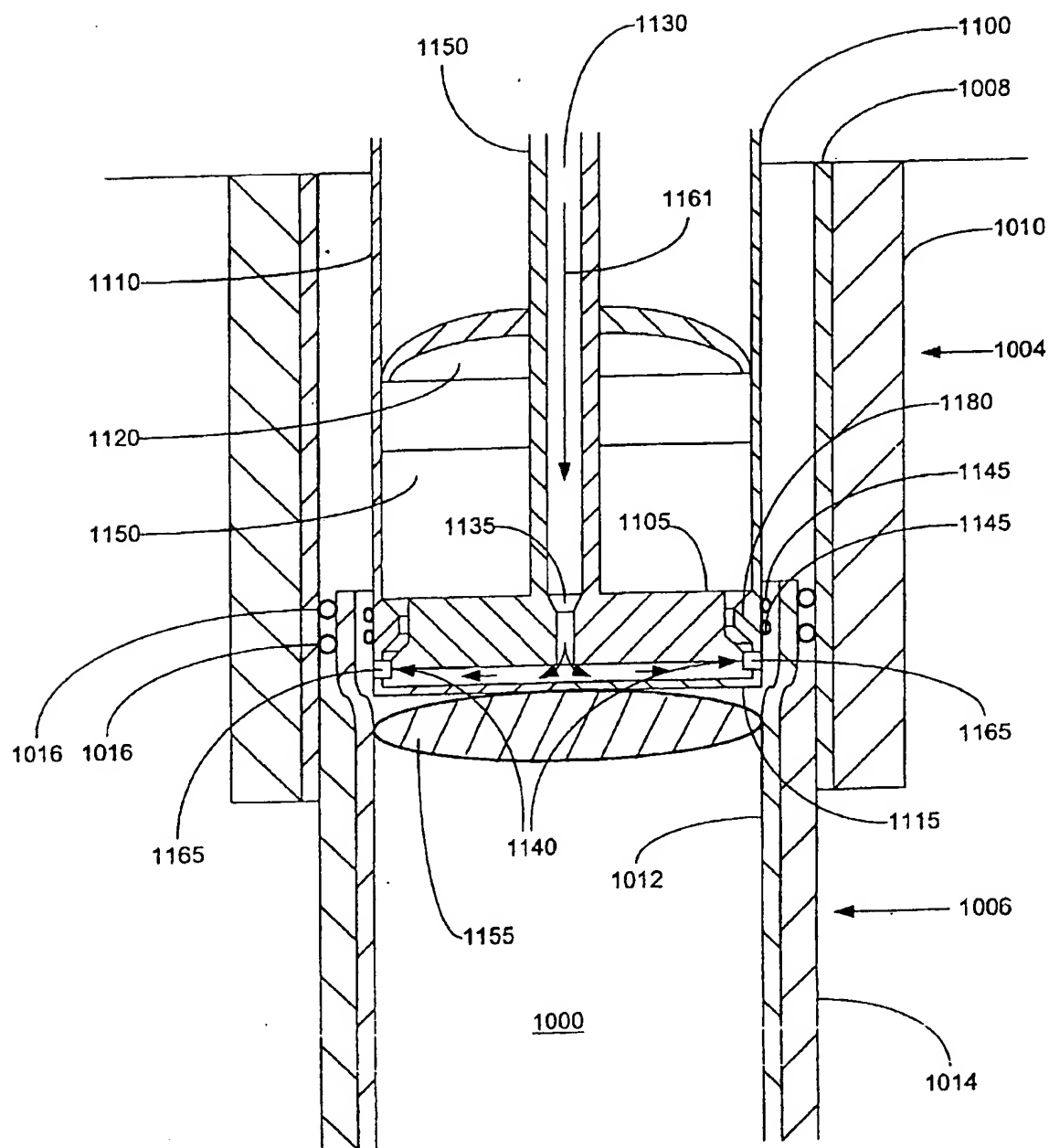


FIGURE 10d

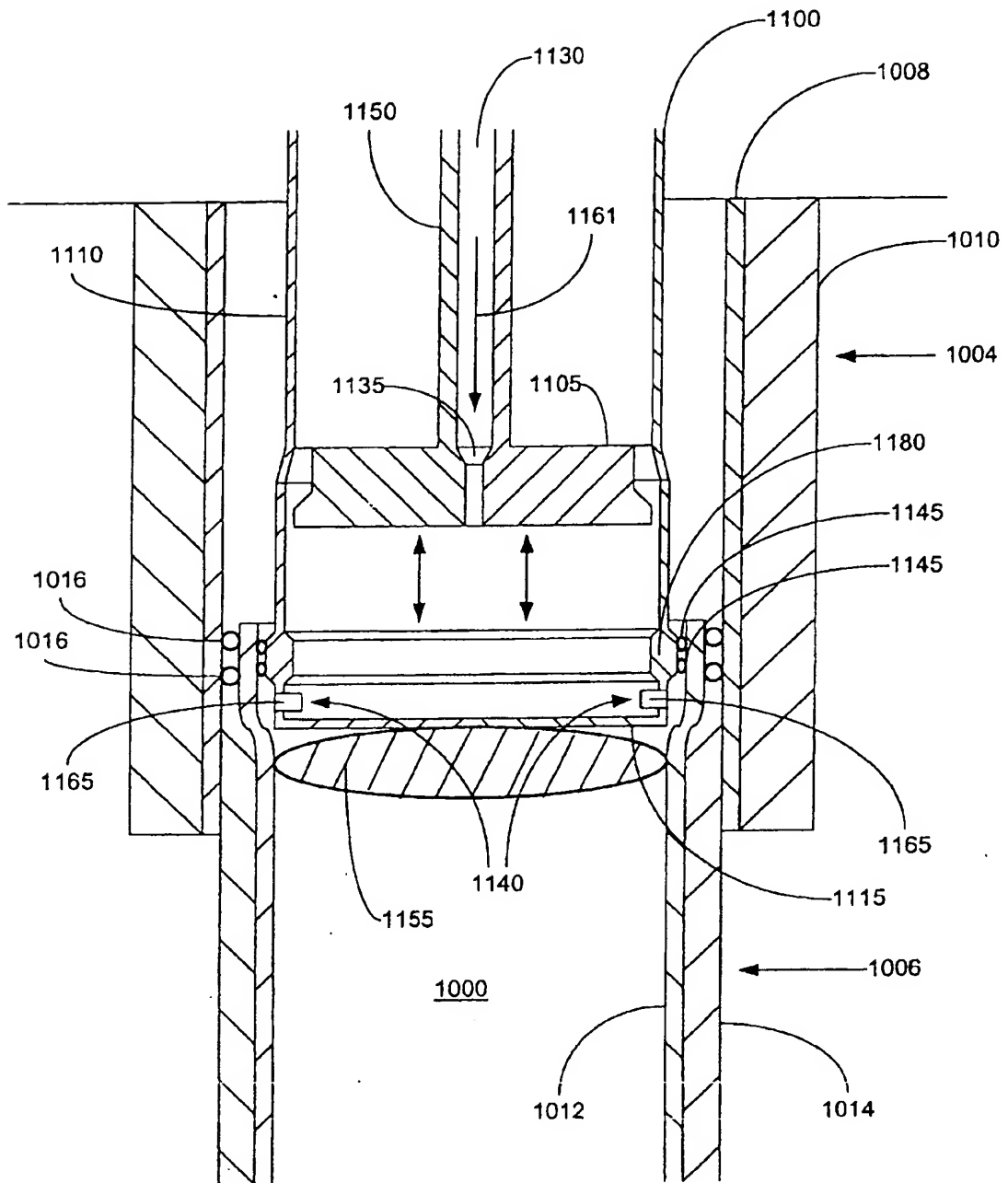


FIGURE 10e

FIGURE 10f

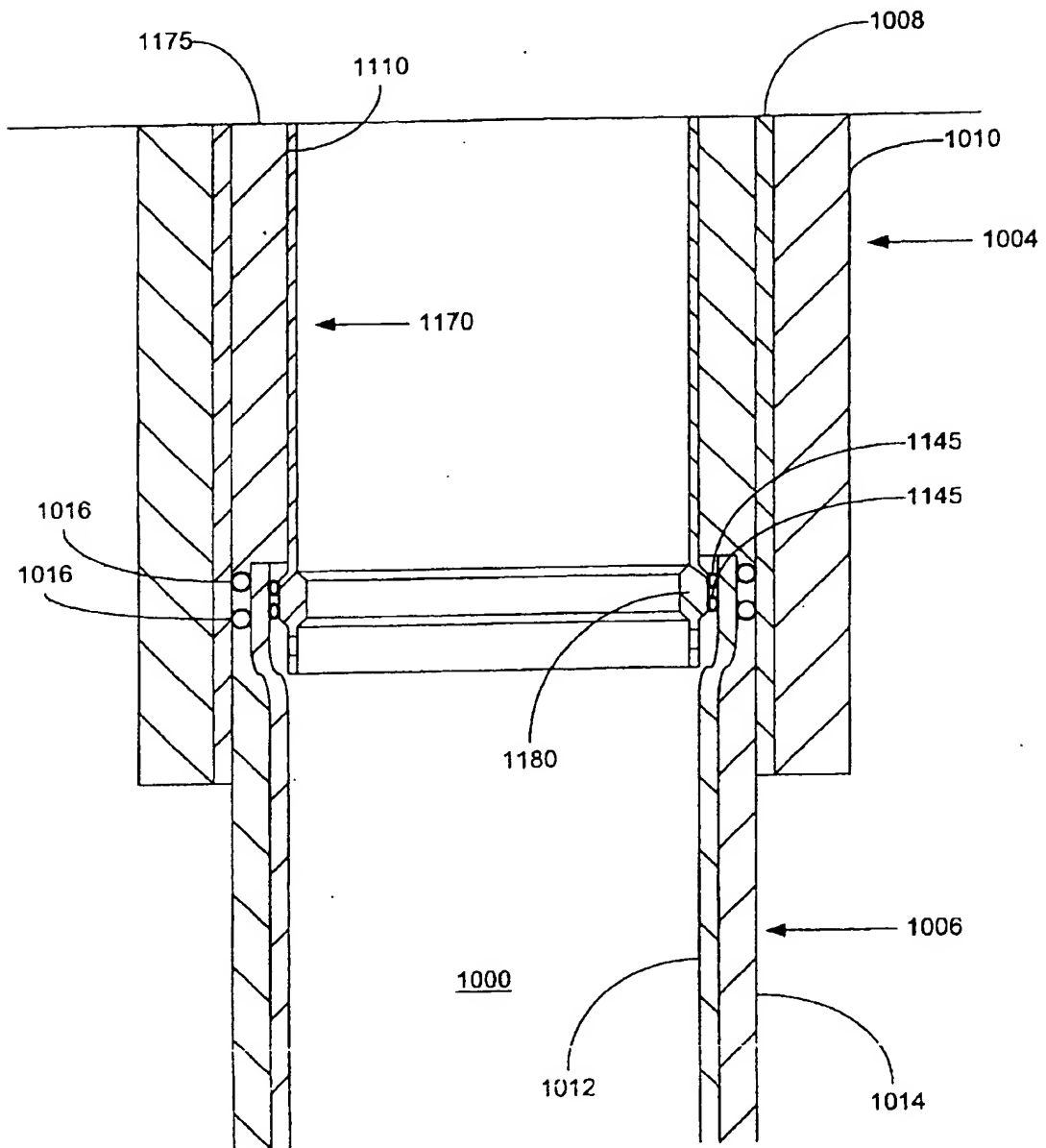


FIGURE 10g

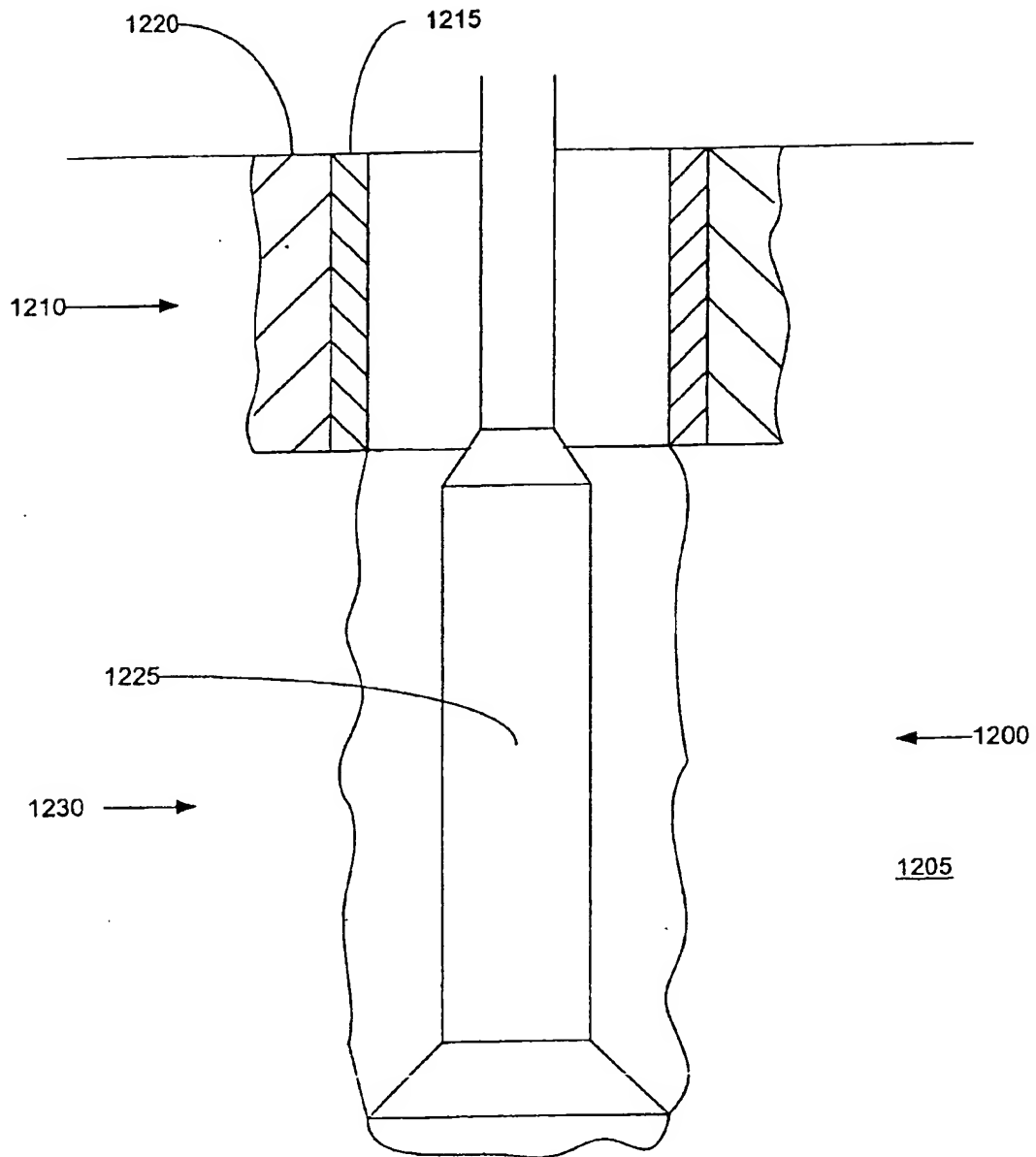


FIGURE 11a

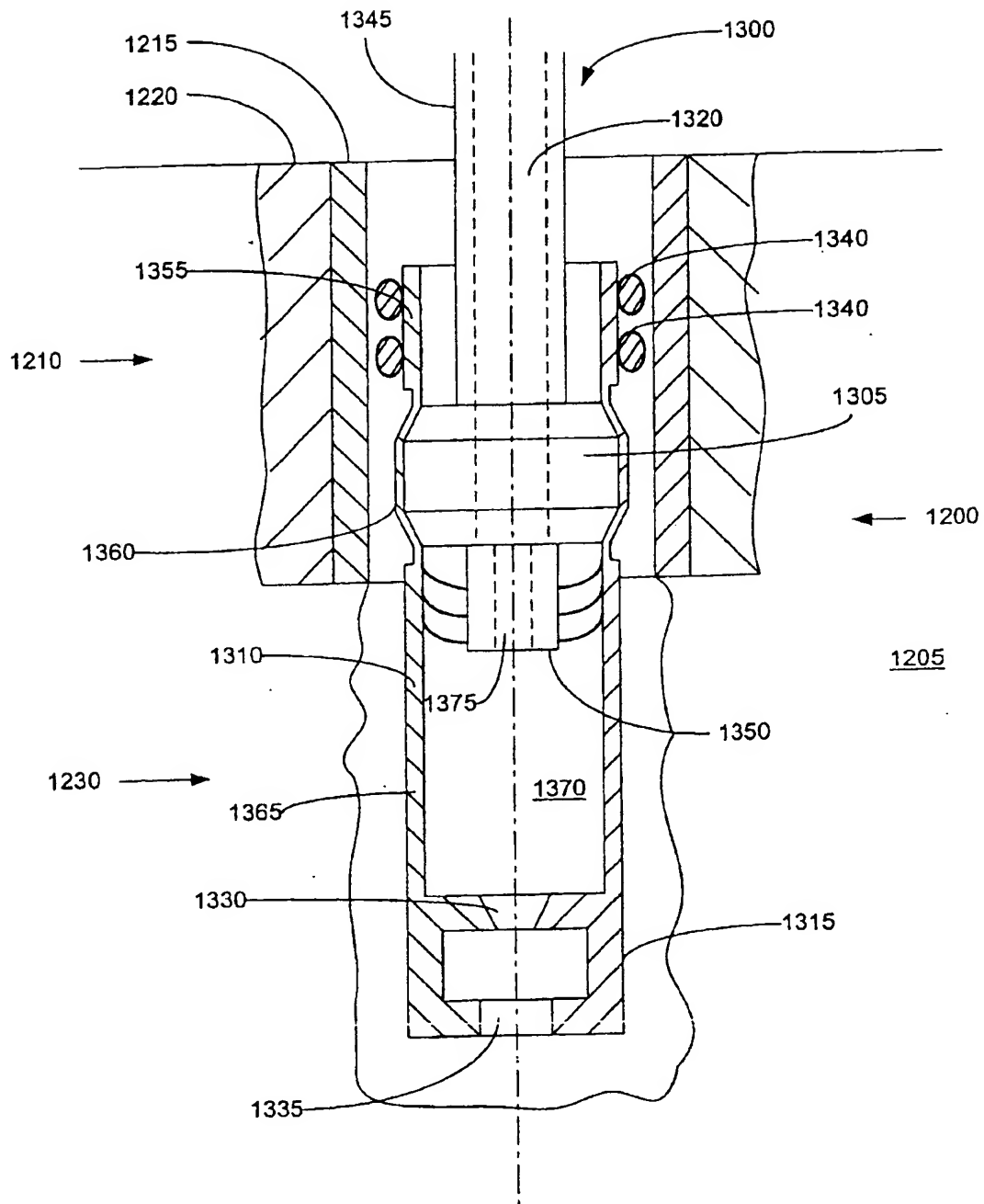


FIGURE 11b

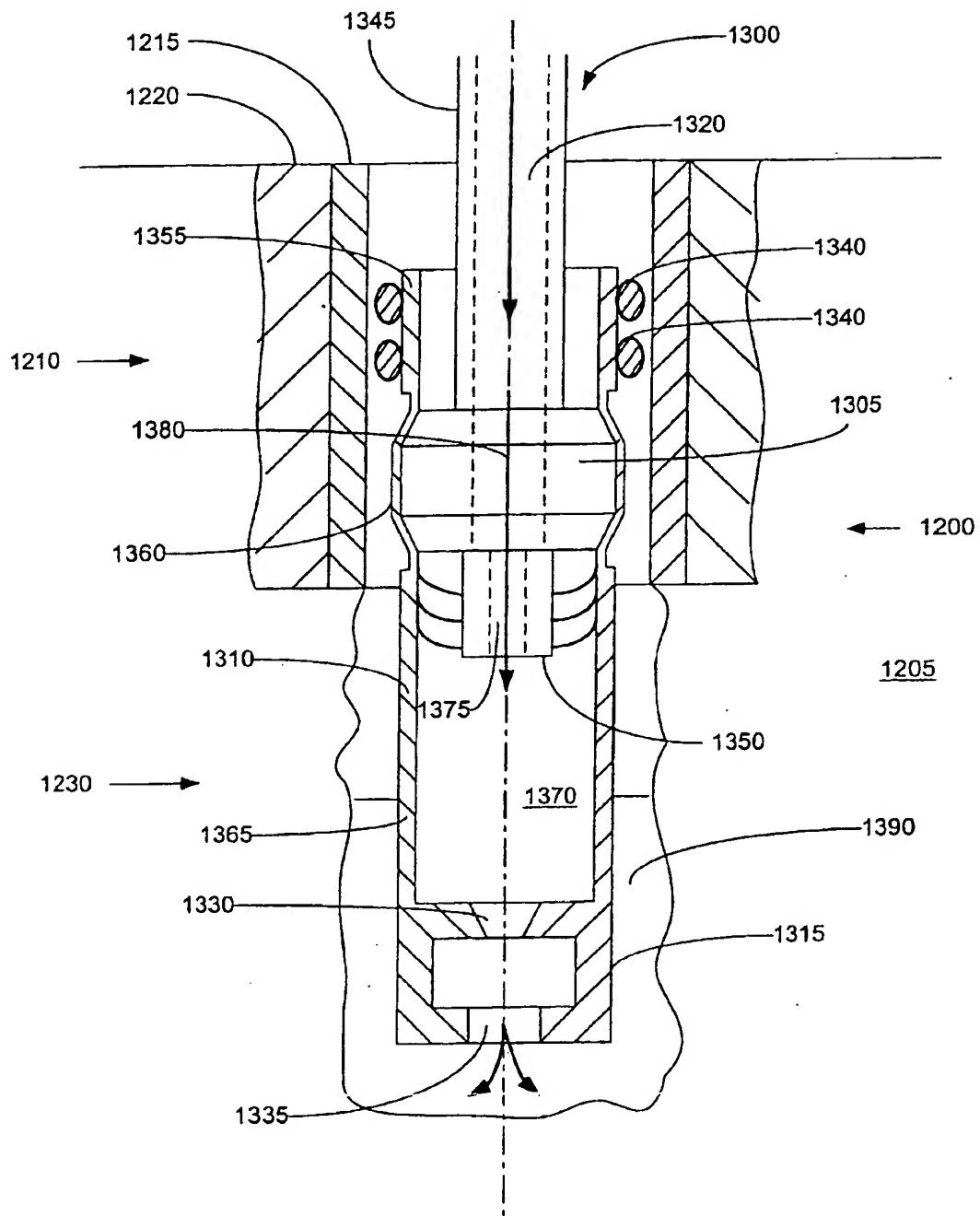


FIGURE 11c

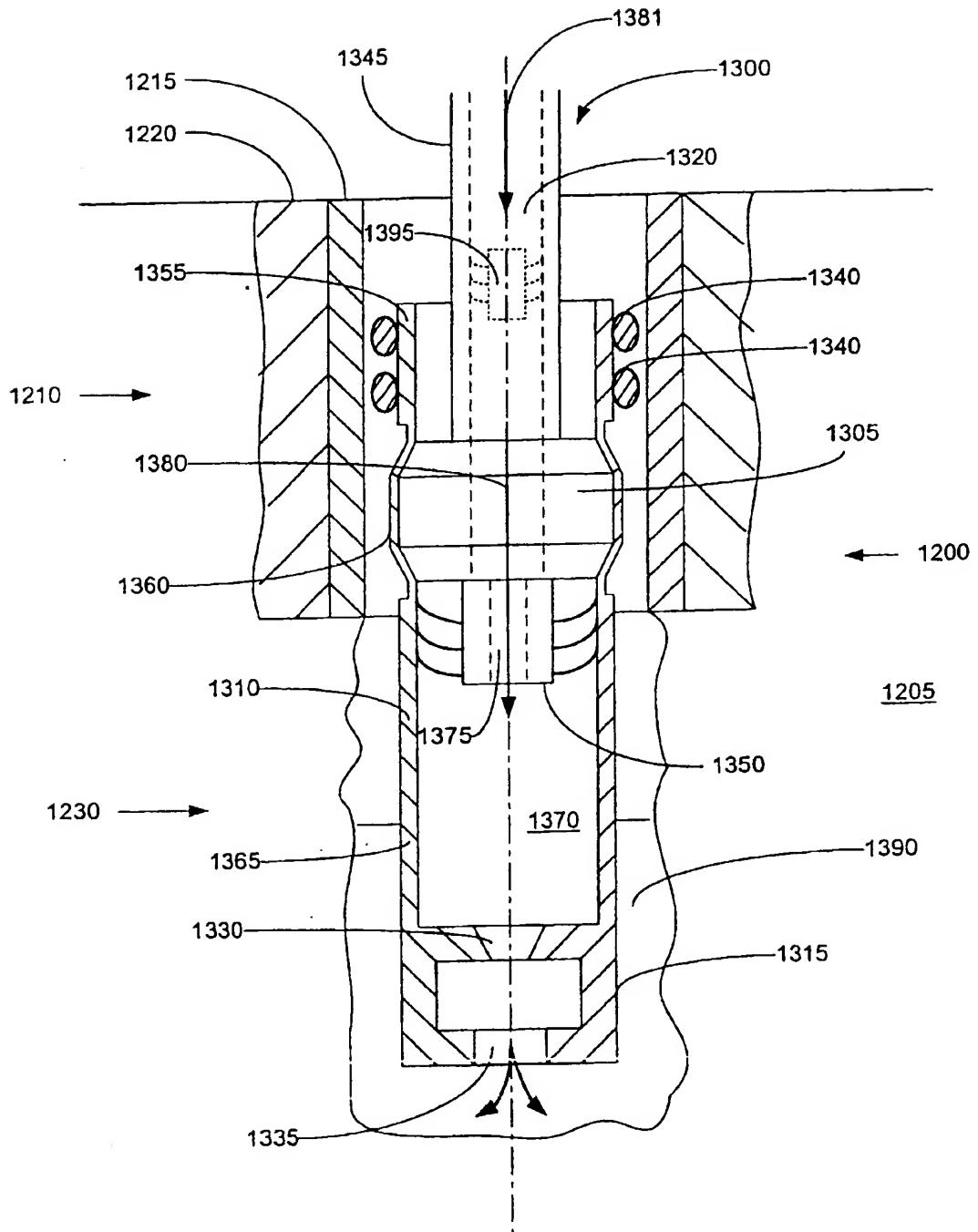


FIGURE 11d

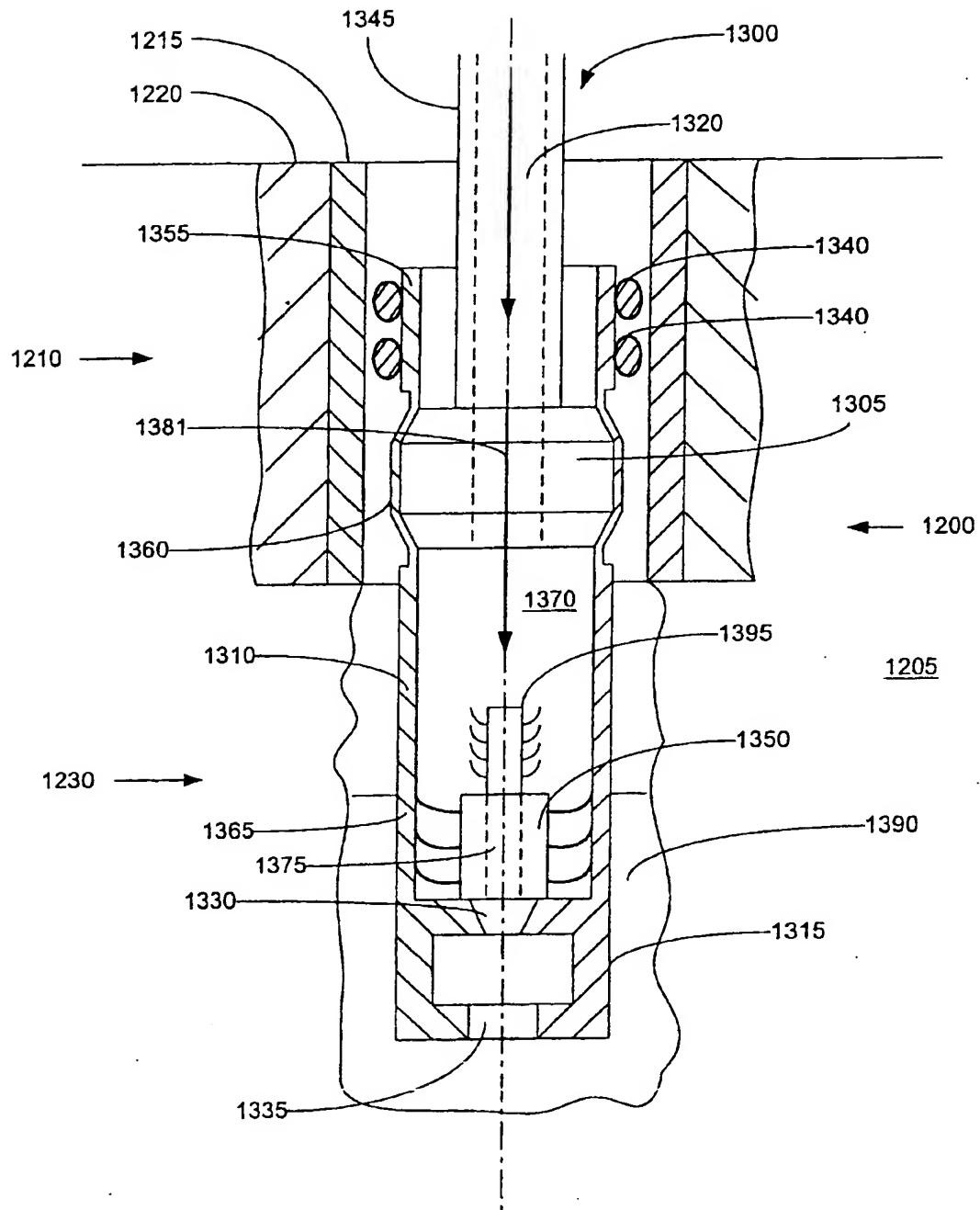


FIGURE 11e

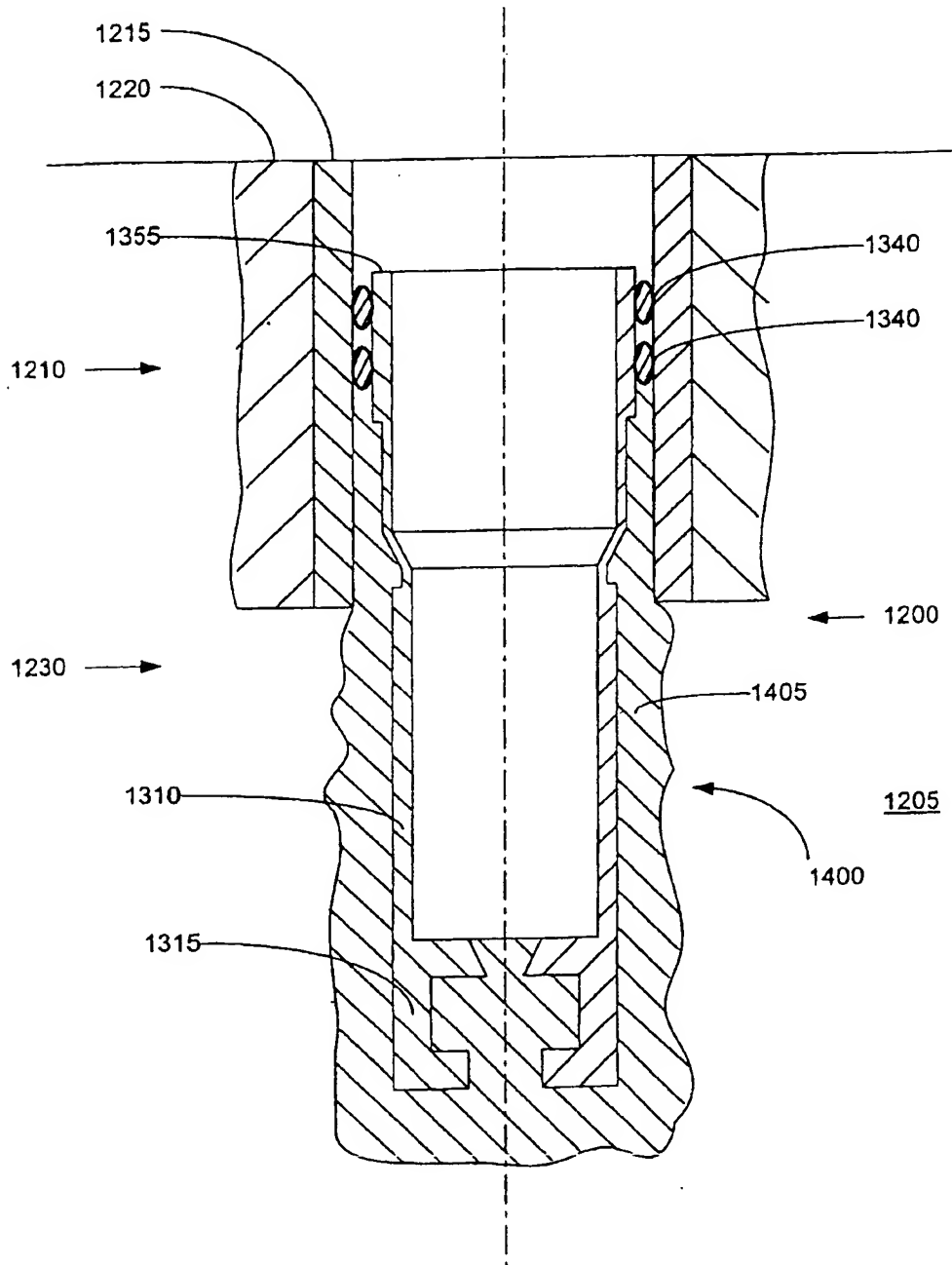


FIGURE 11f

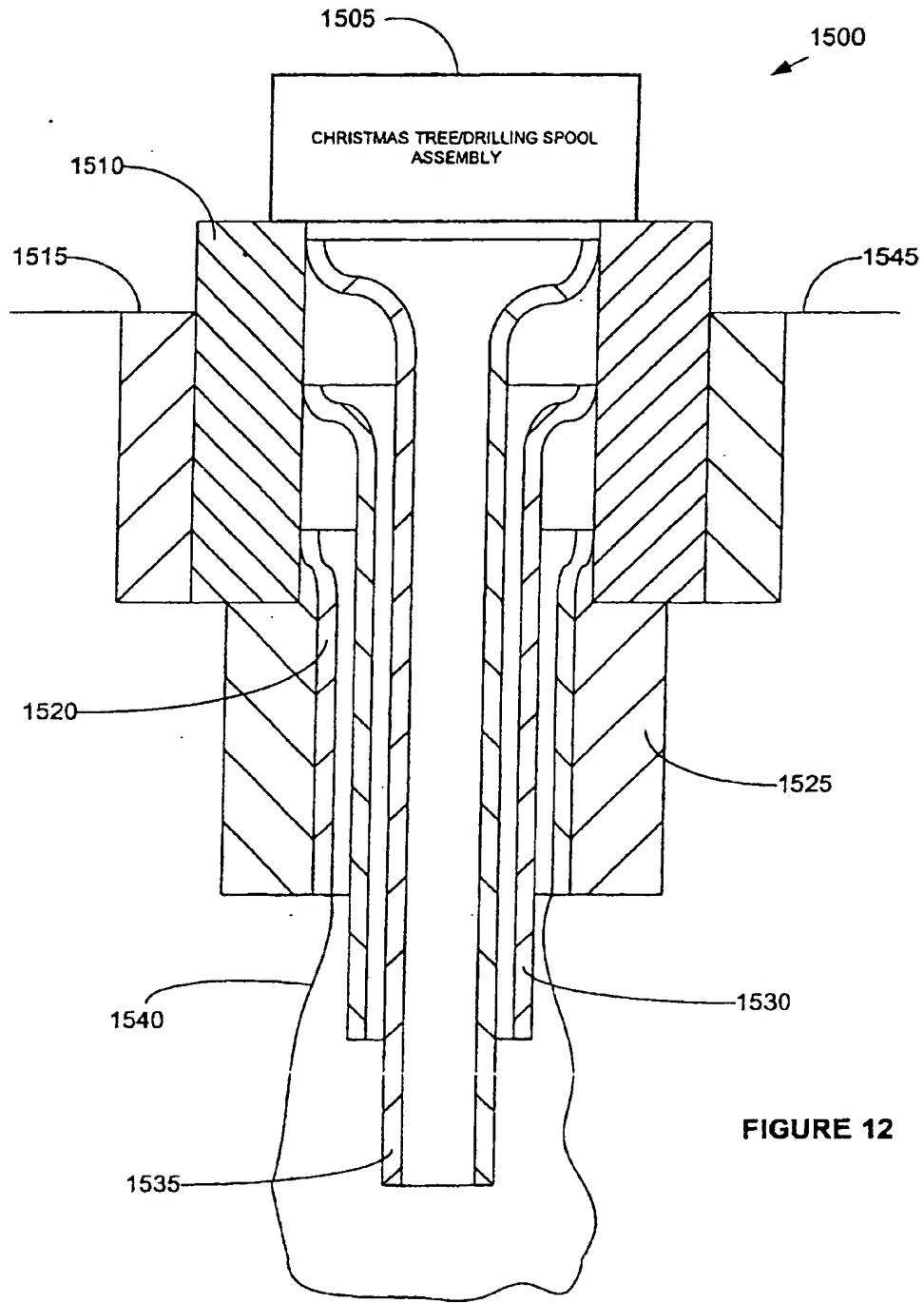


FIGURE 12

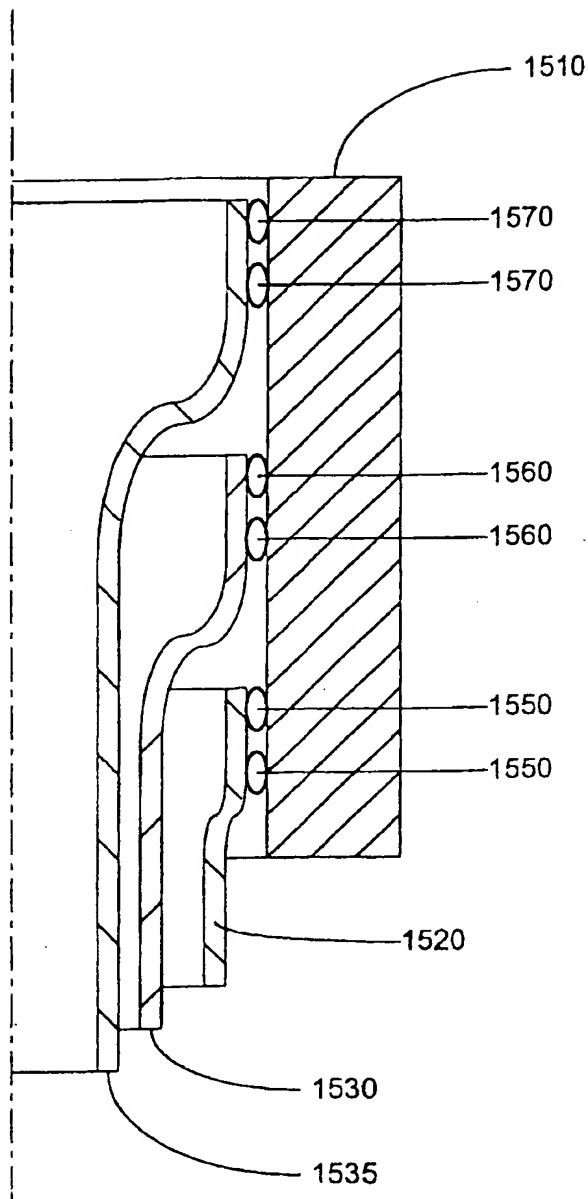


FIGURE 13

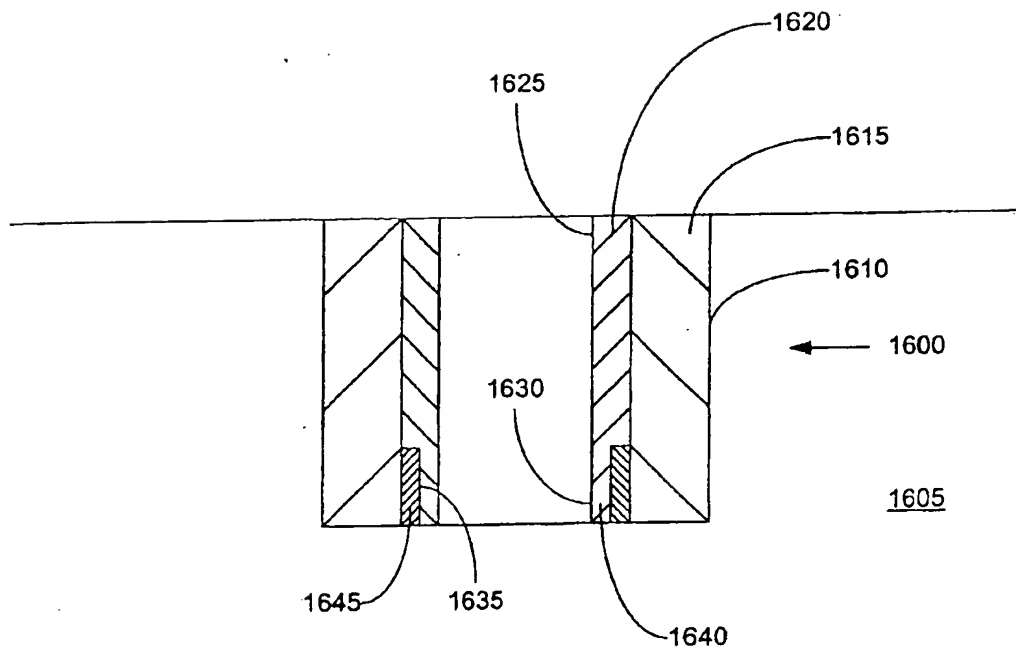


FIGURE 14a

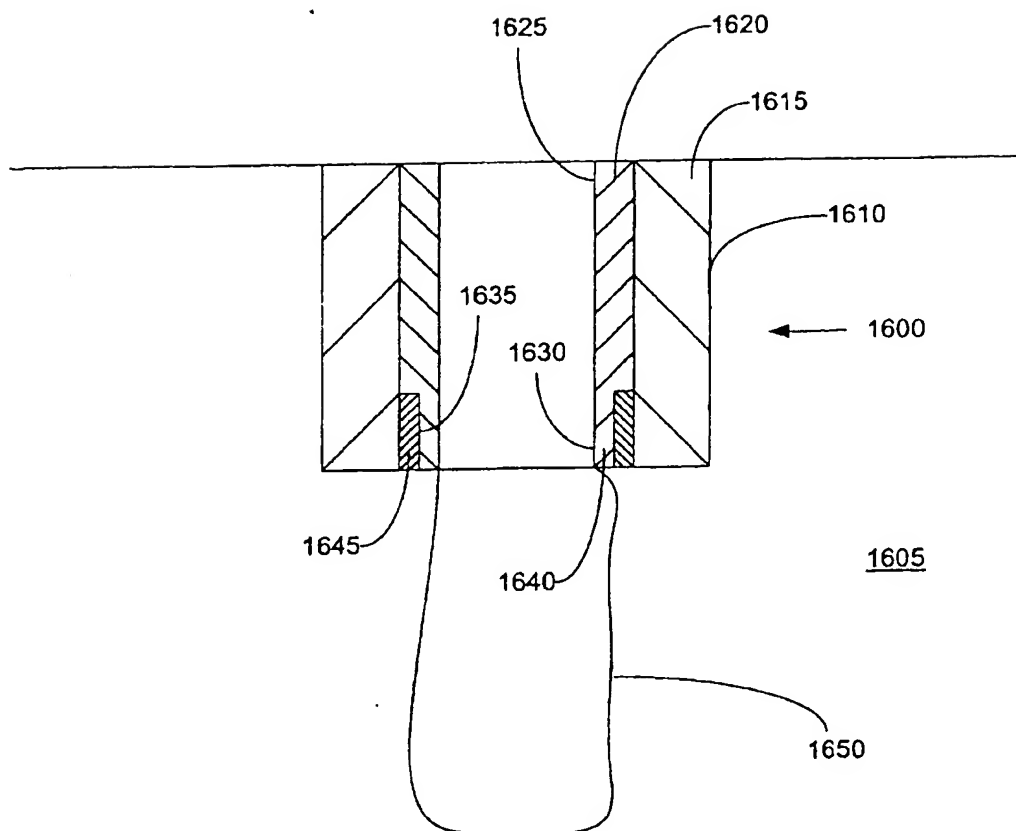


FIGURE 14b

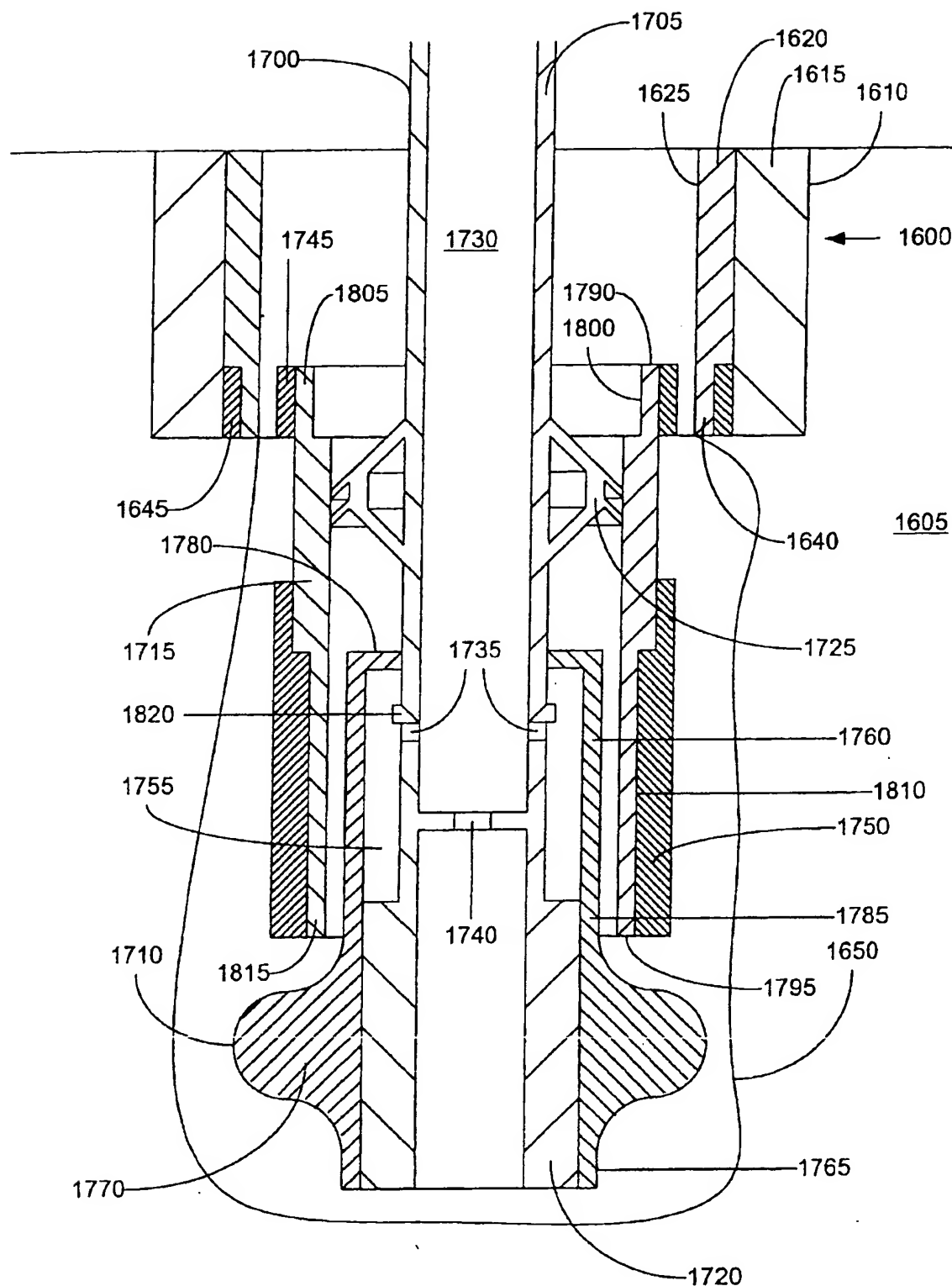


FIGURE 14c

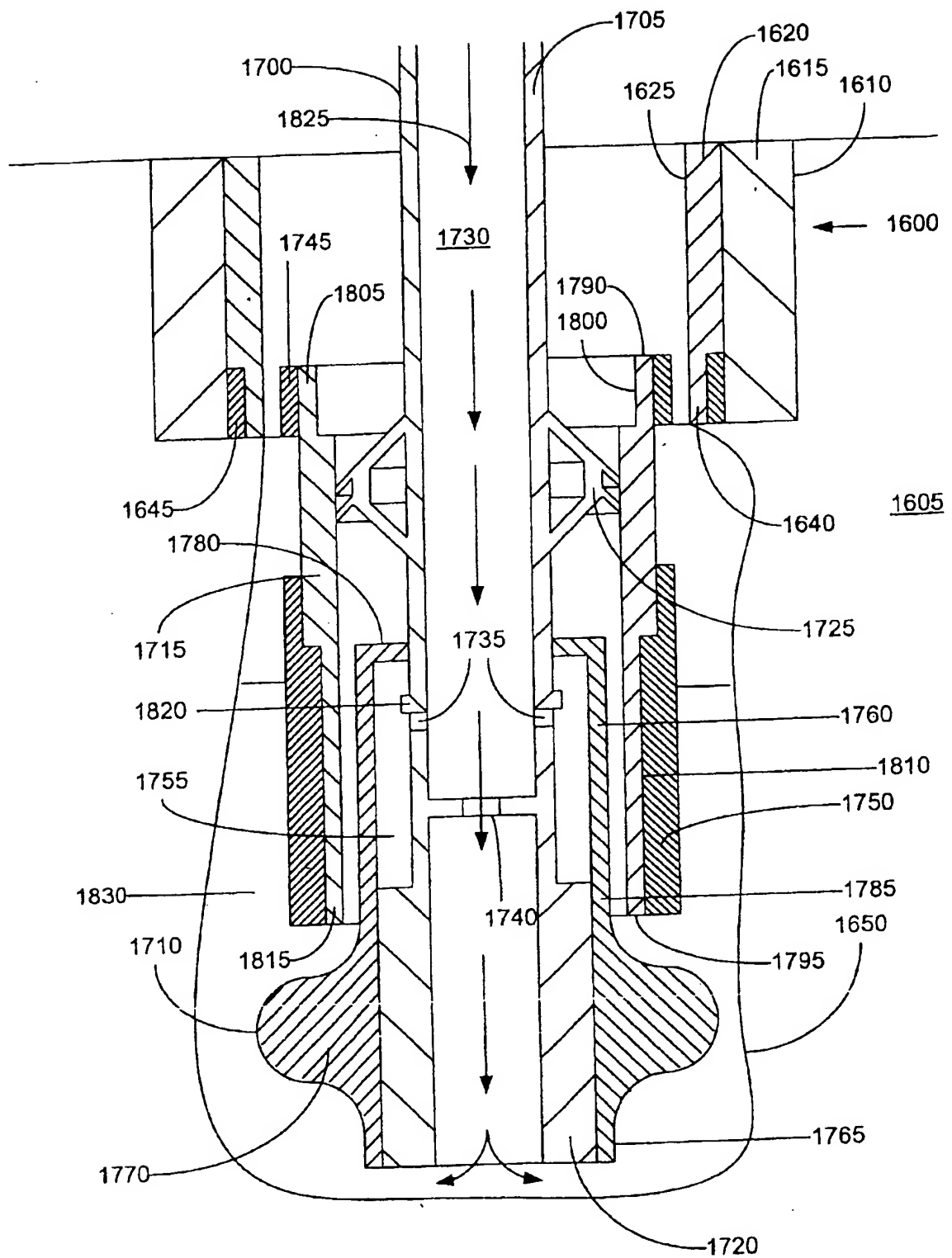


FIGURE 14d

33/75

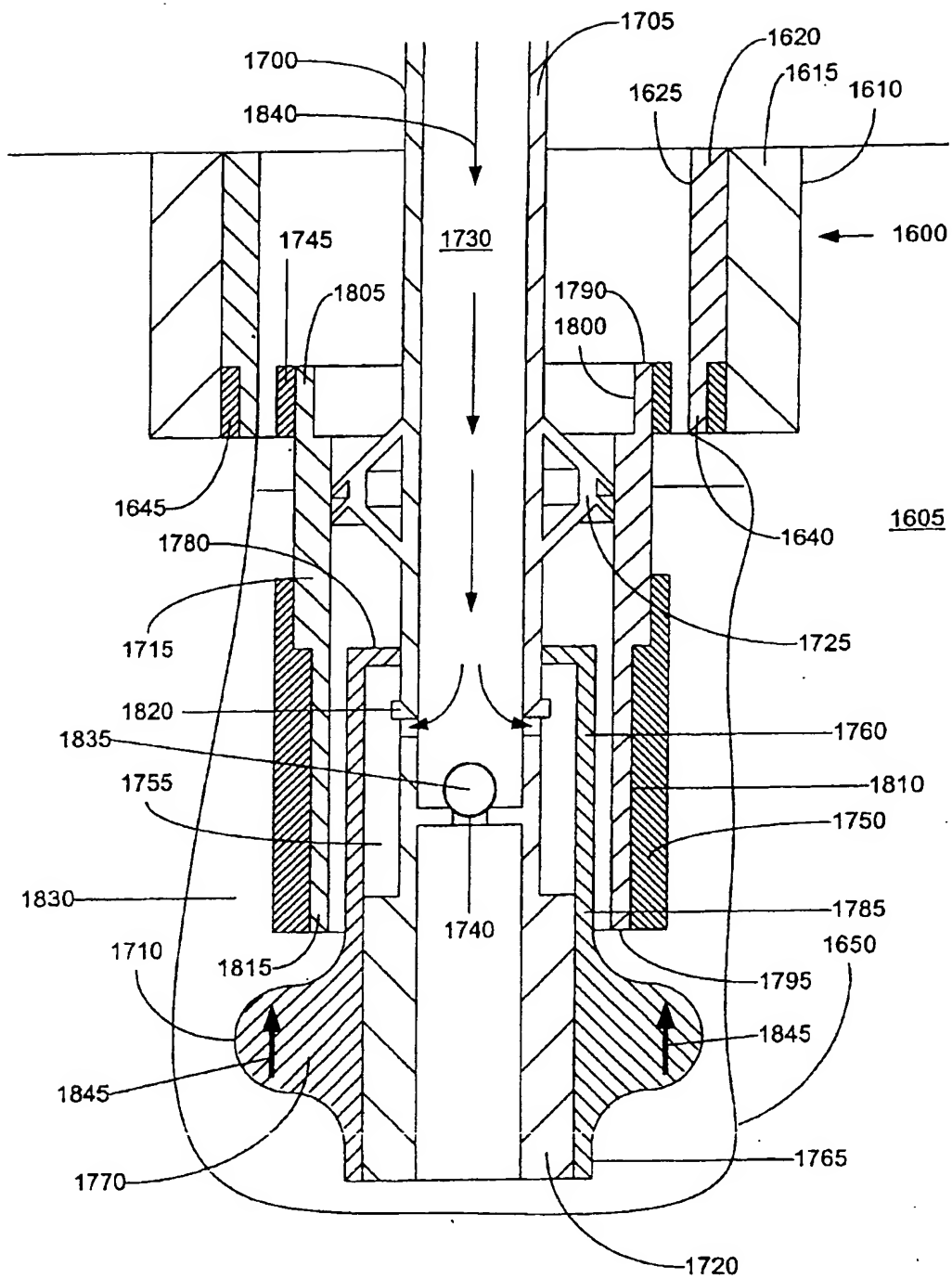


FIGURE 14e

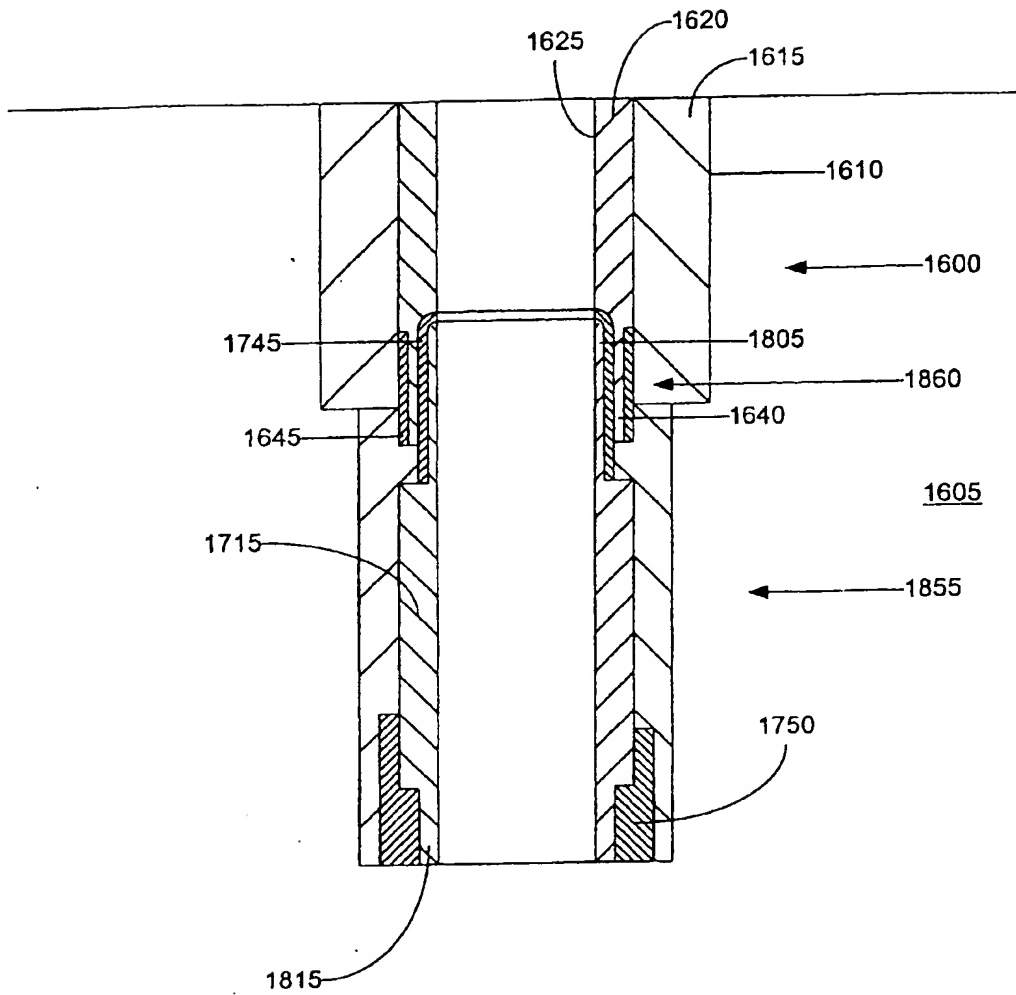


FIGURE 14f

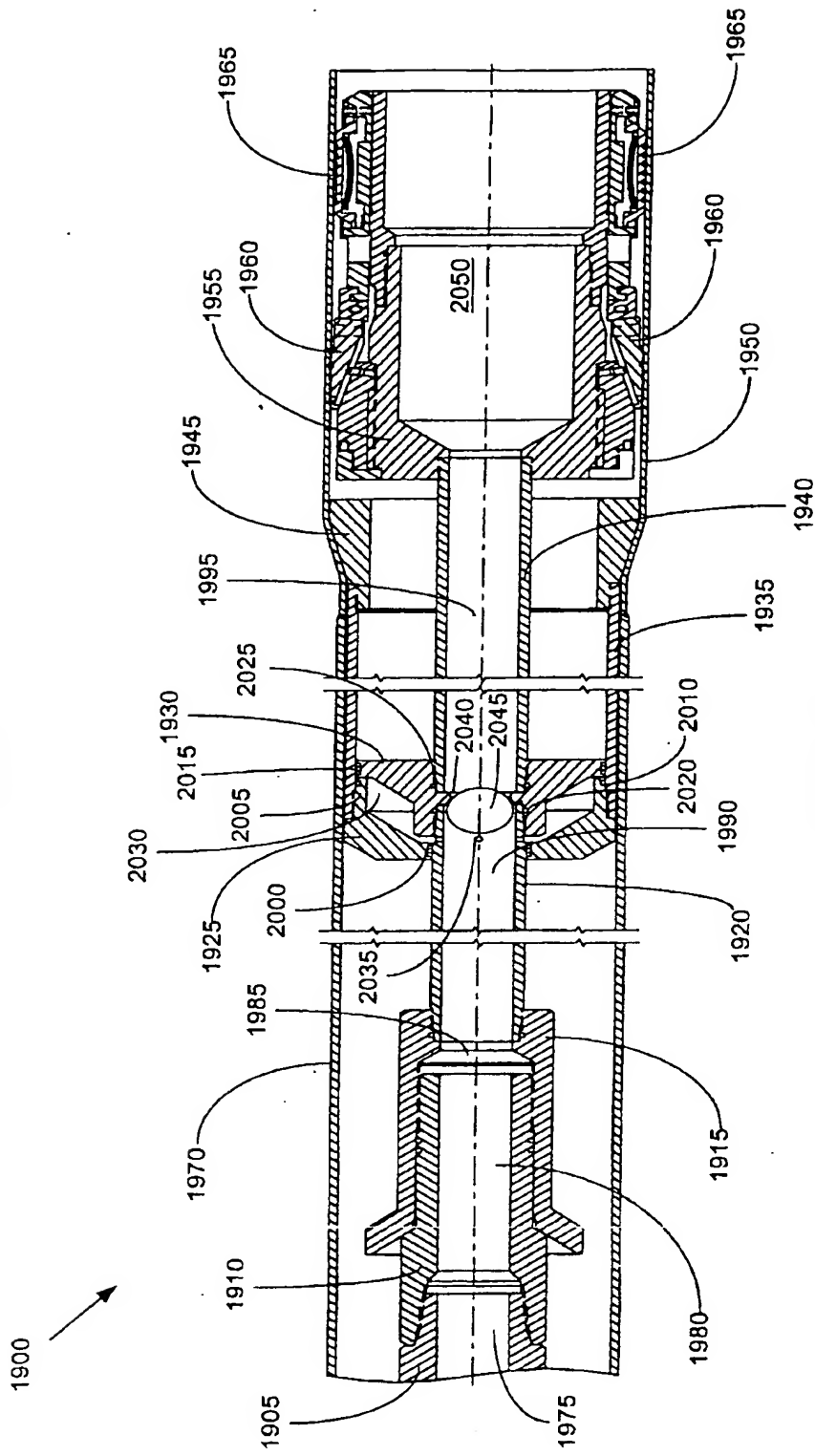


FIGURE 15

36/75

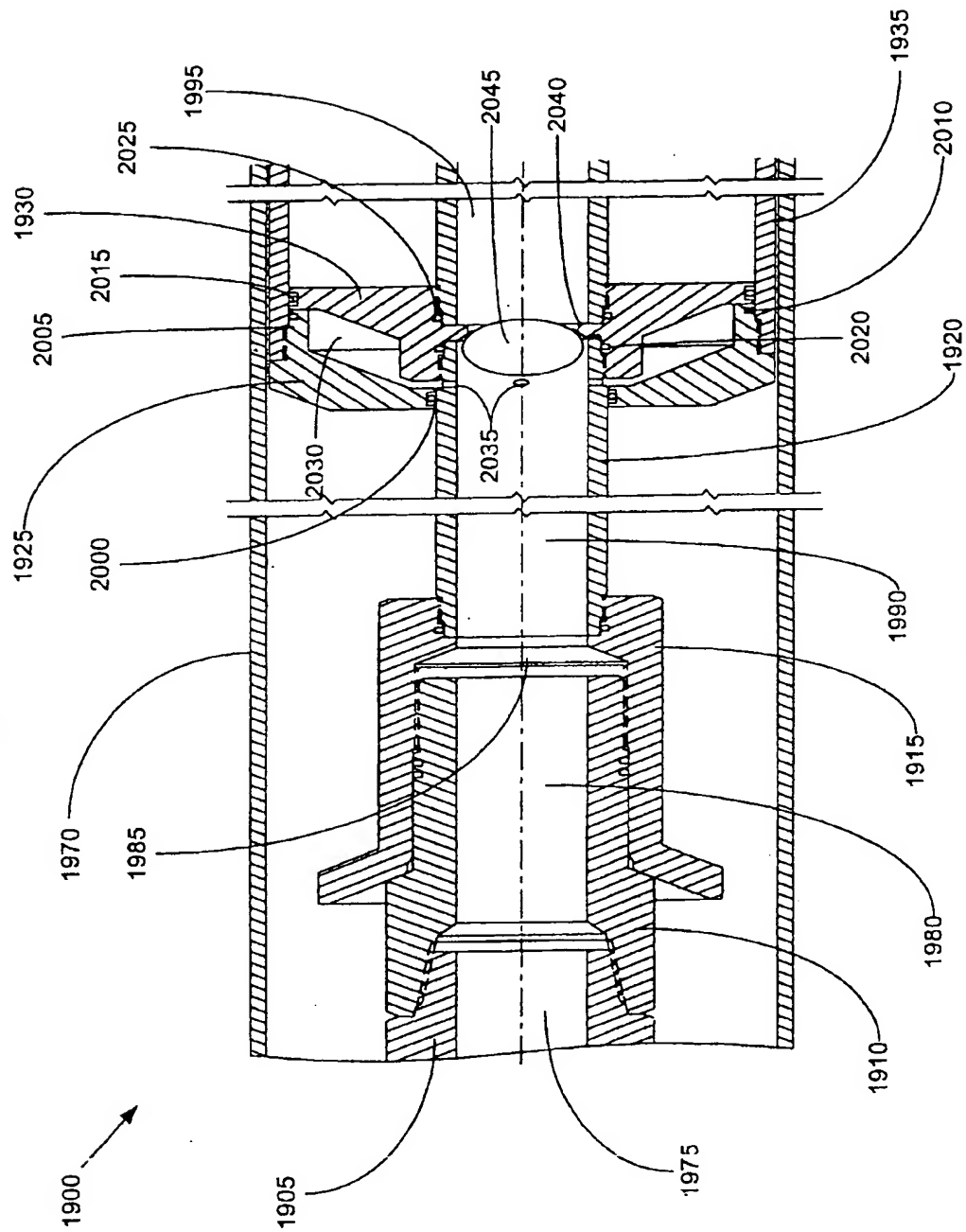


FIGURE 15a

37/75

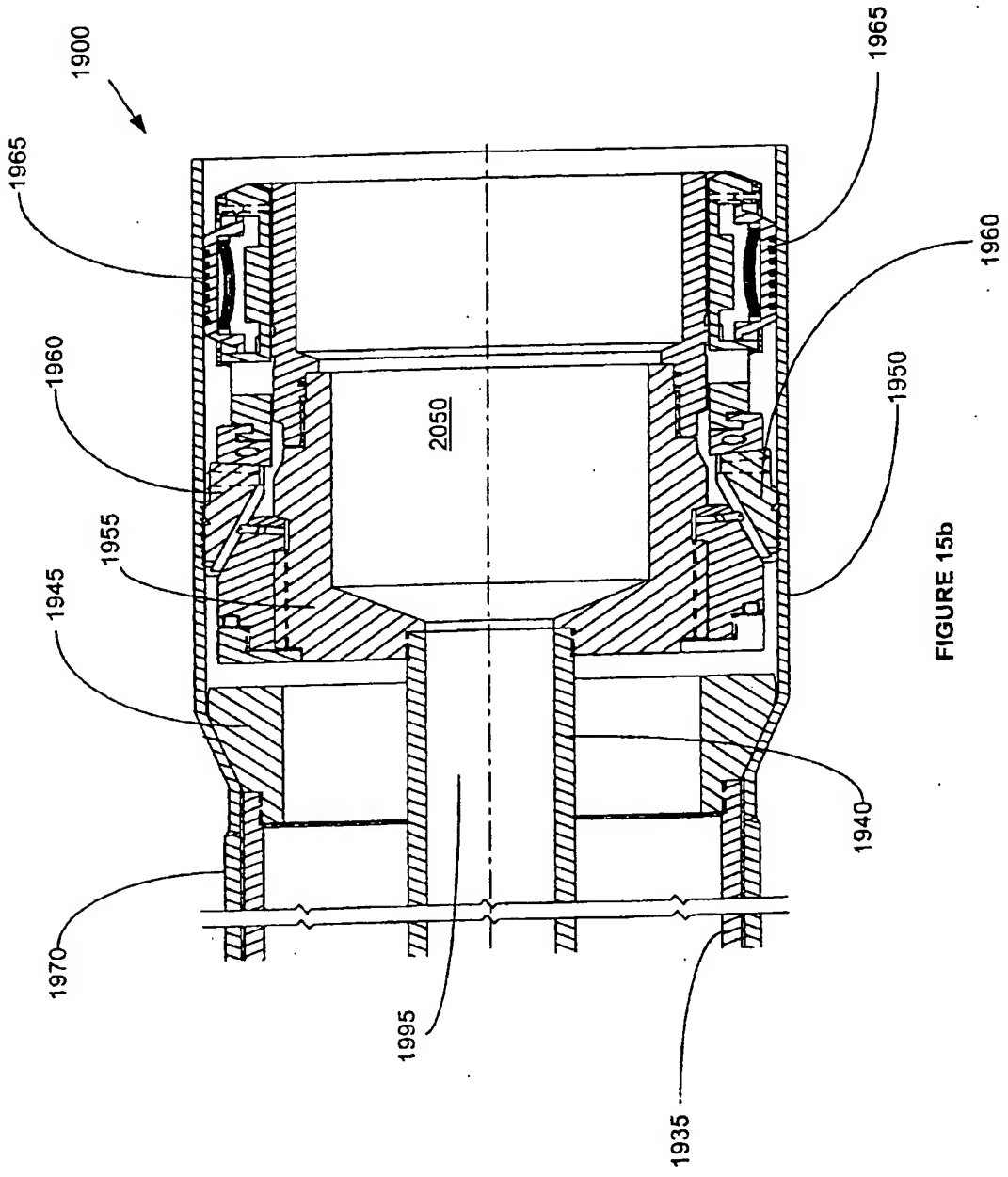
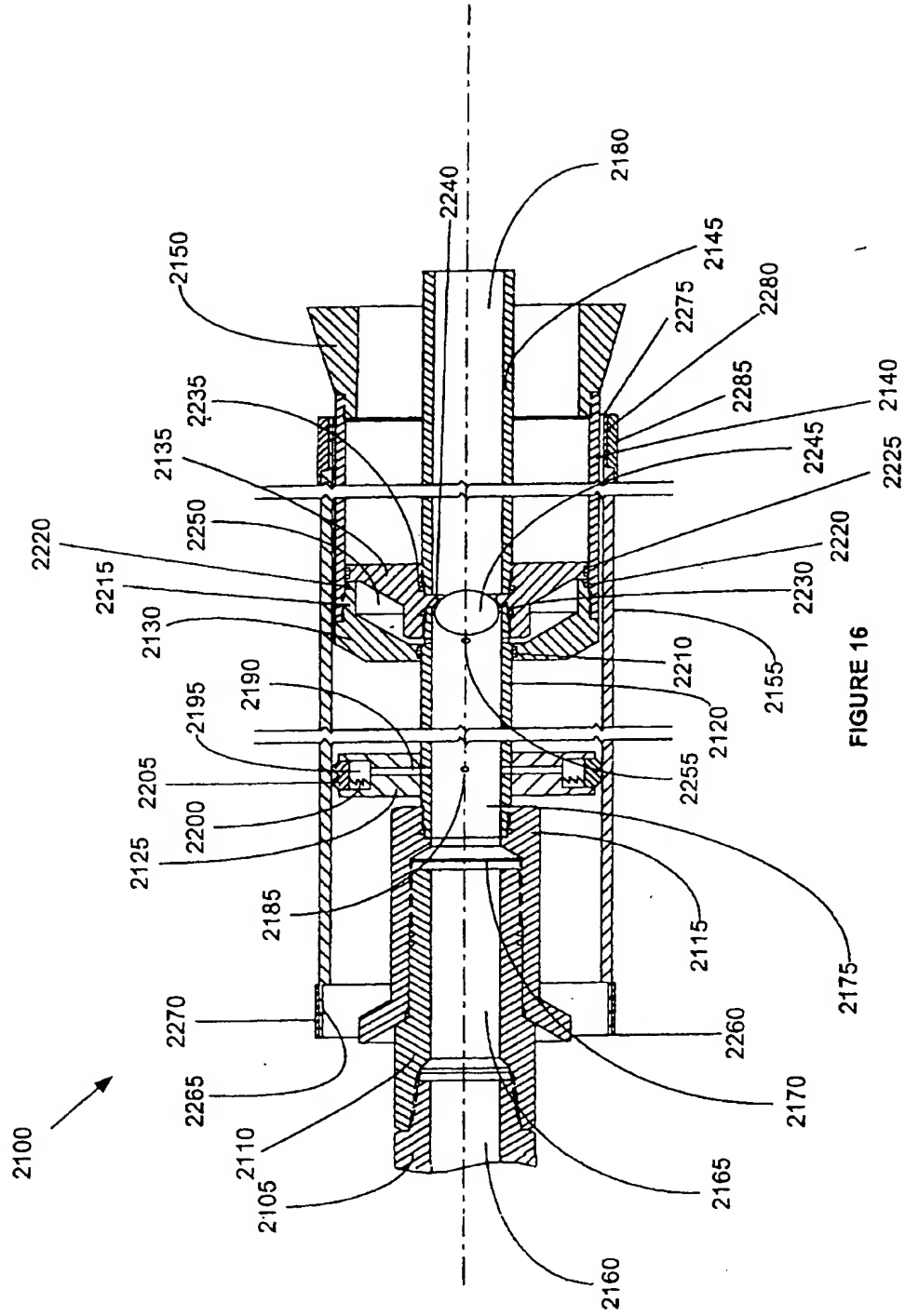


FIGURE 15b



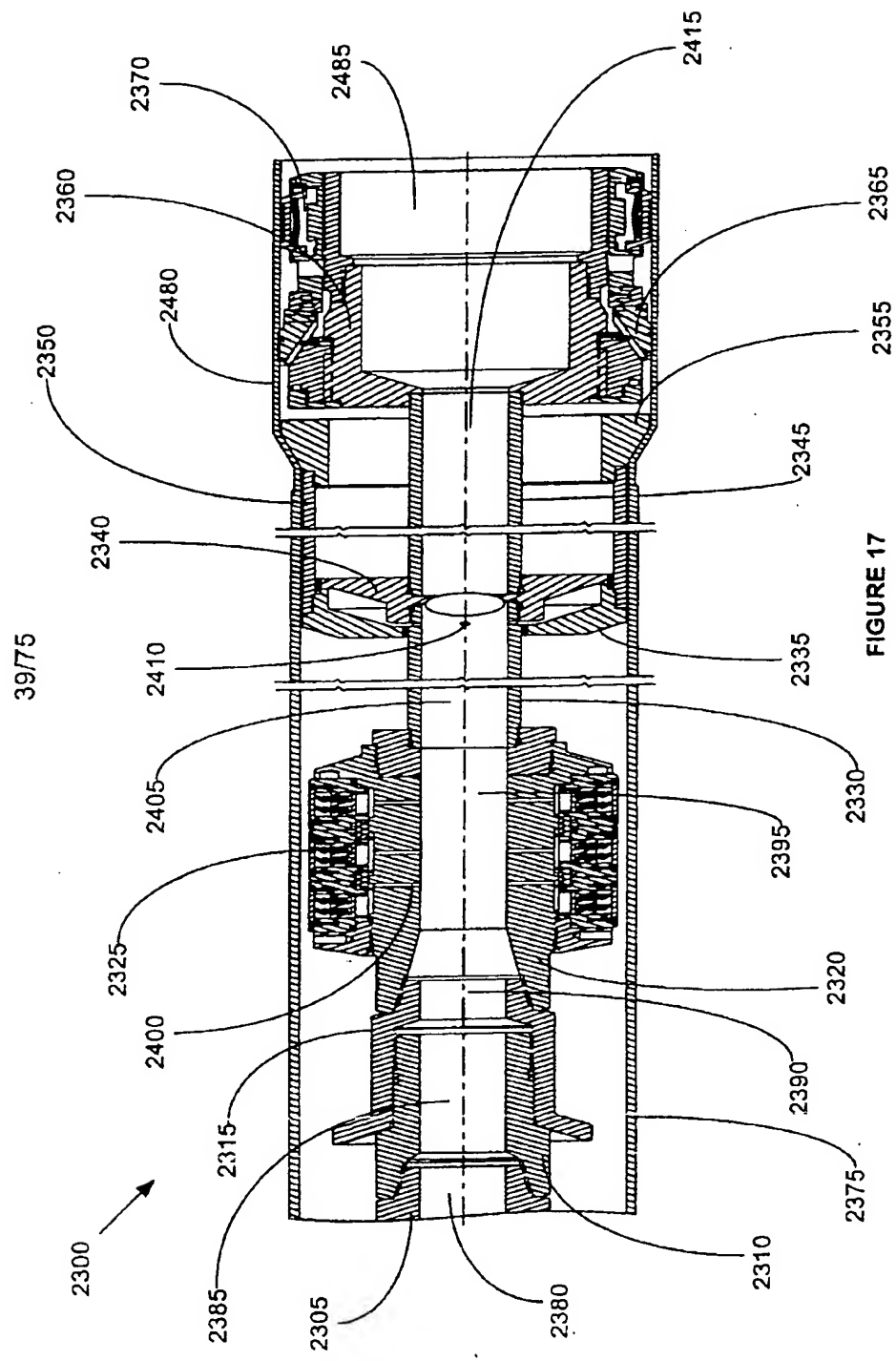


FIGURE 17

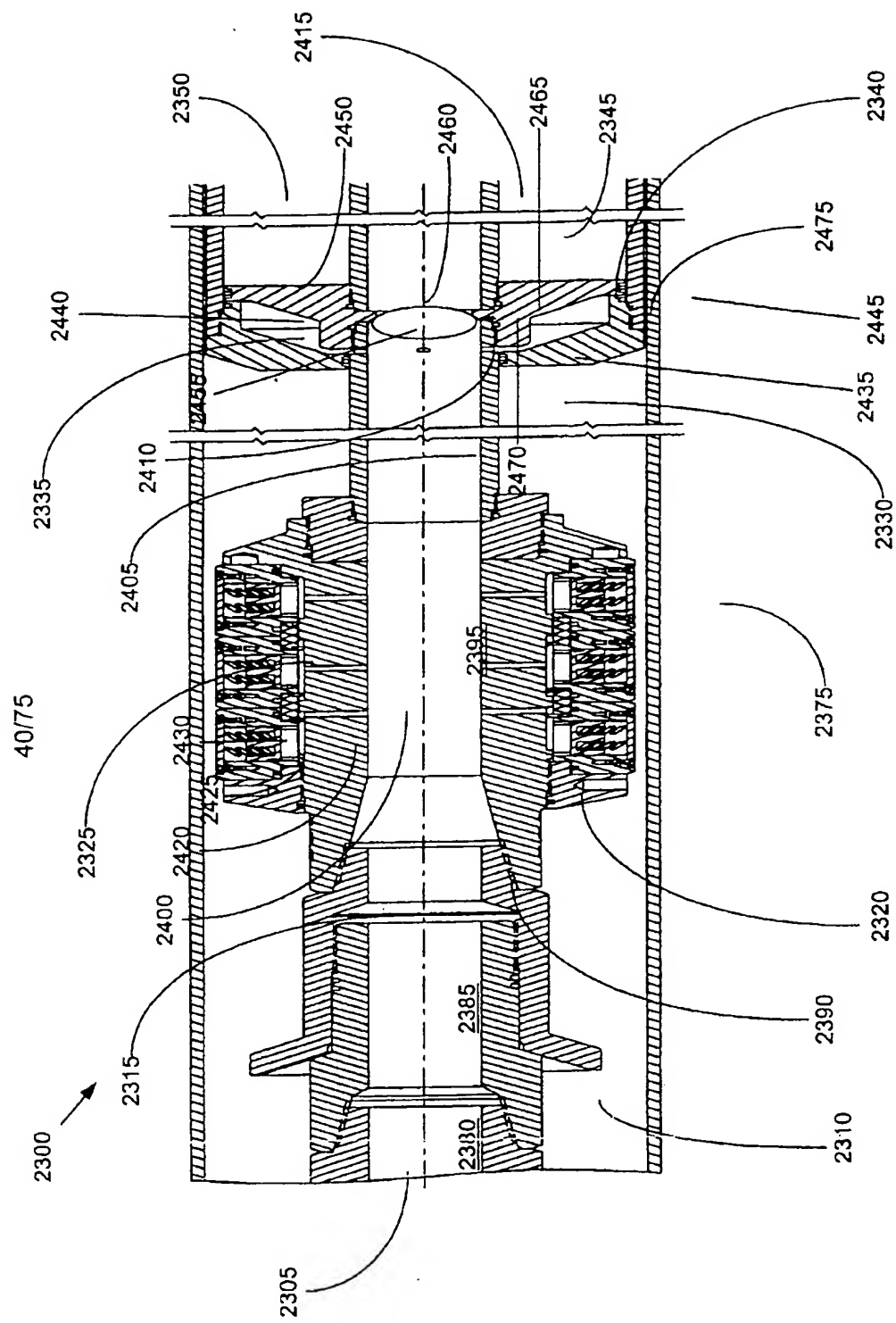


FIGURE 17a

41/75

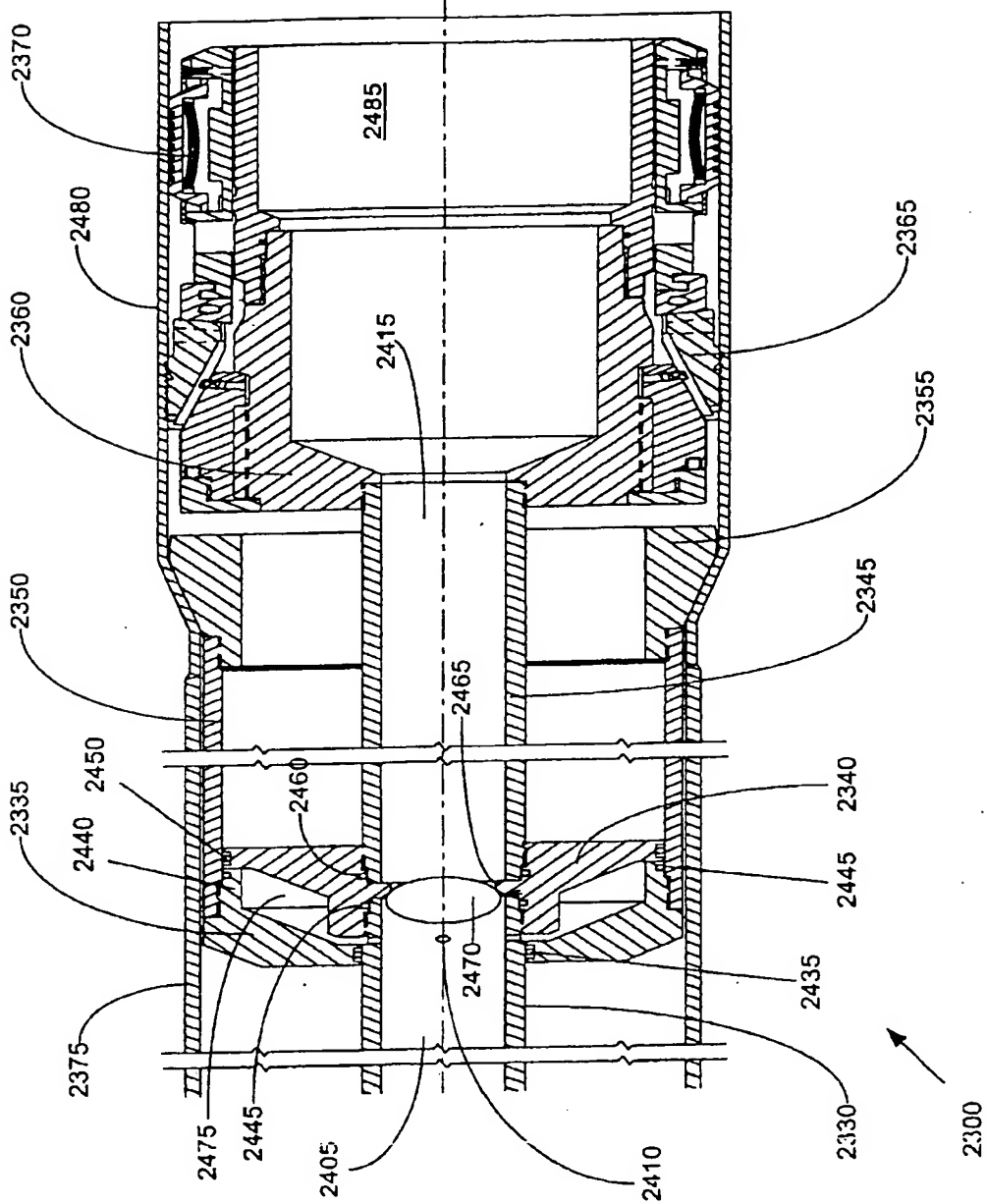


FIGURE 17b

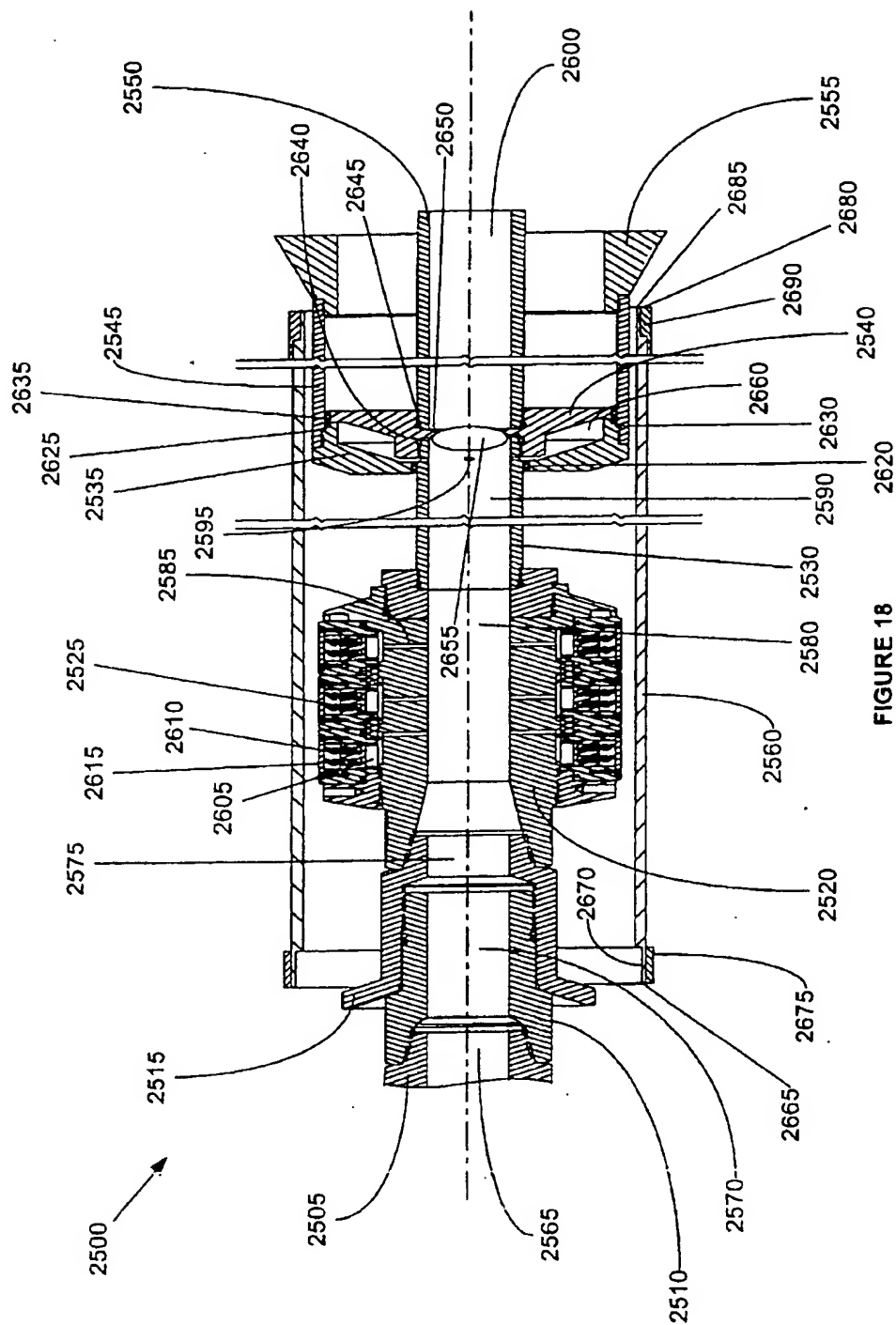


FIGURE 18

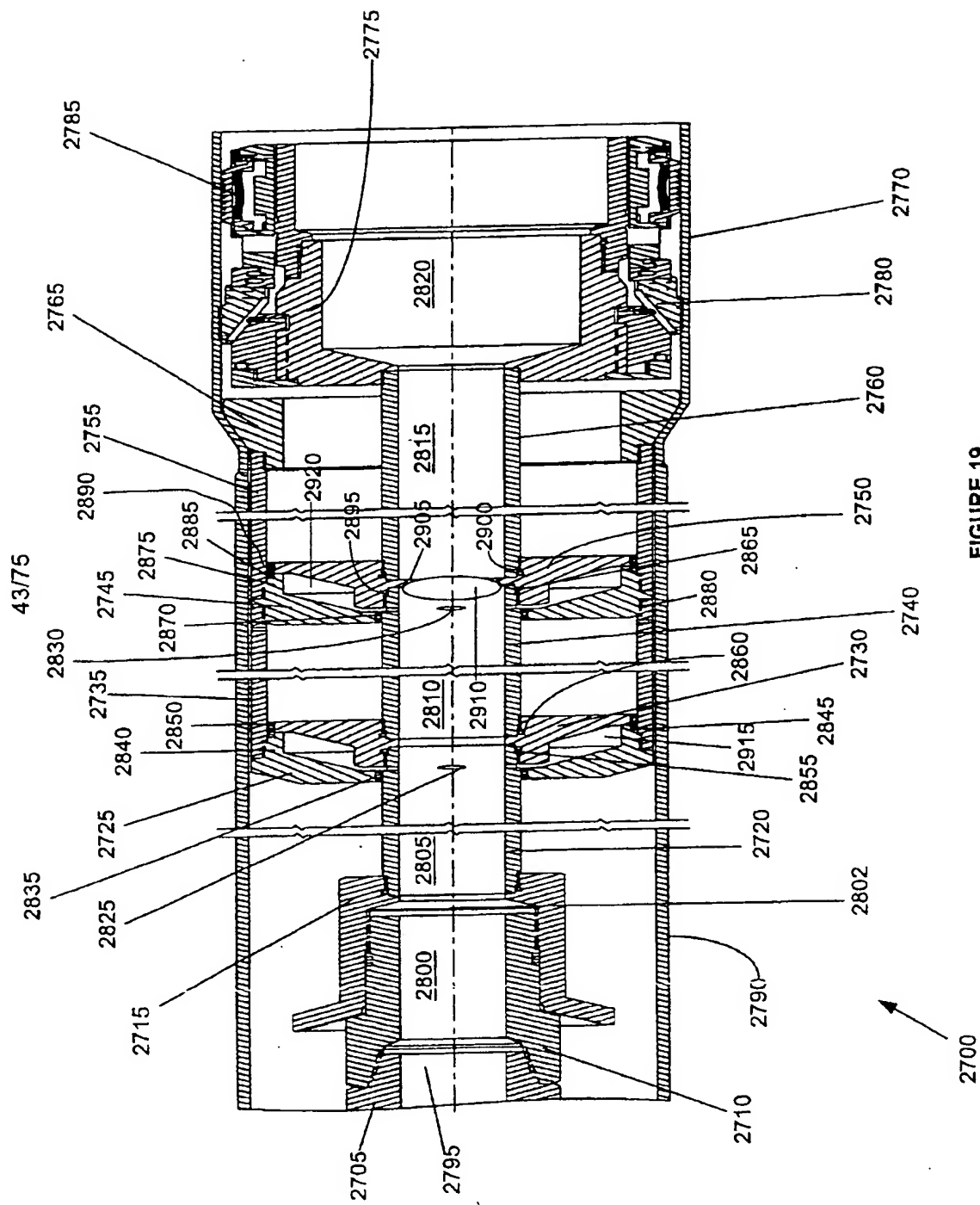


FIGURE 19

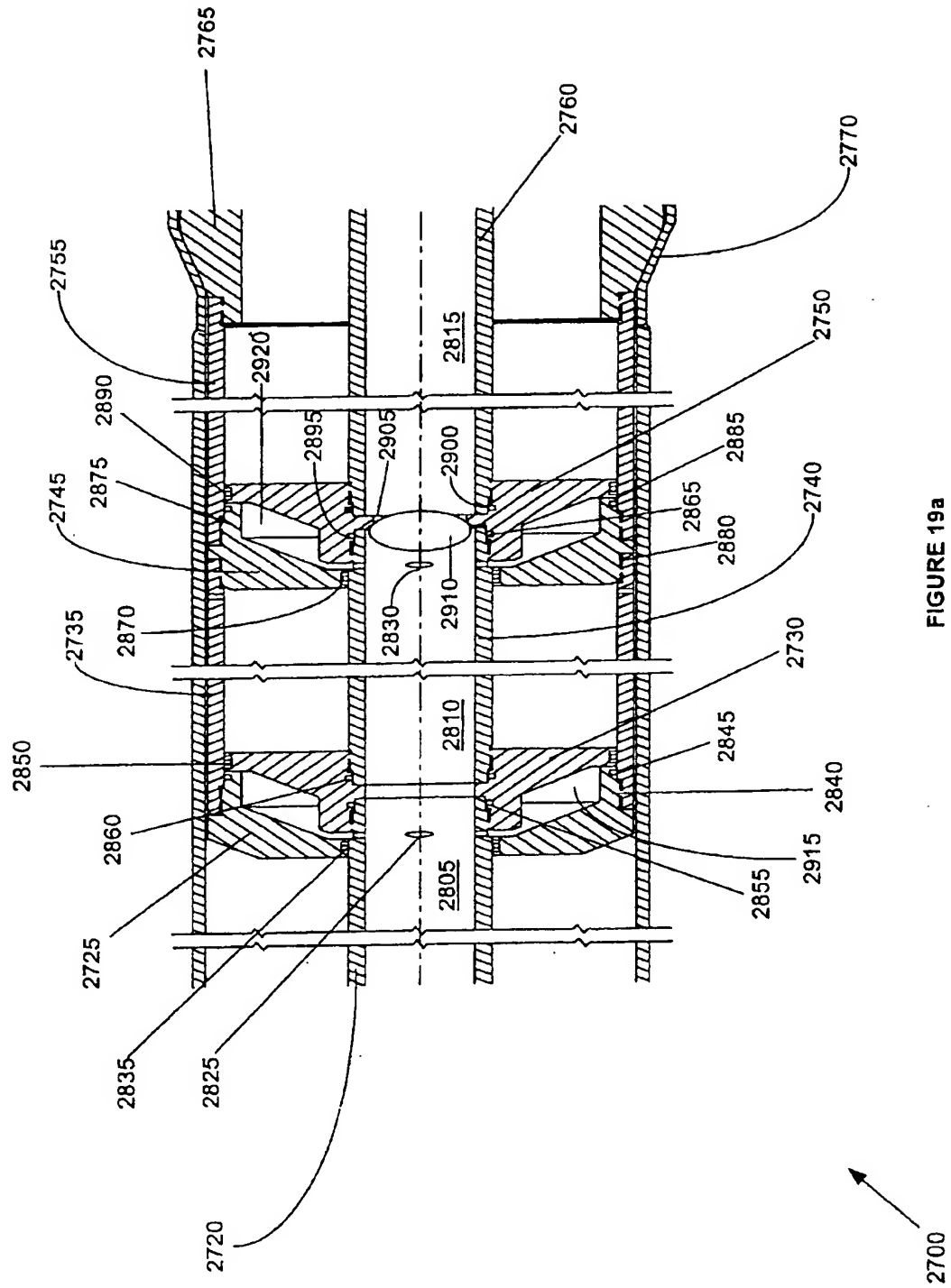


FIGURE 19a

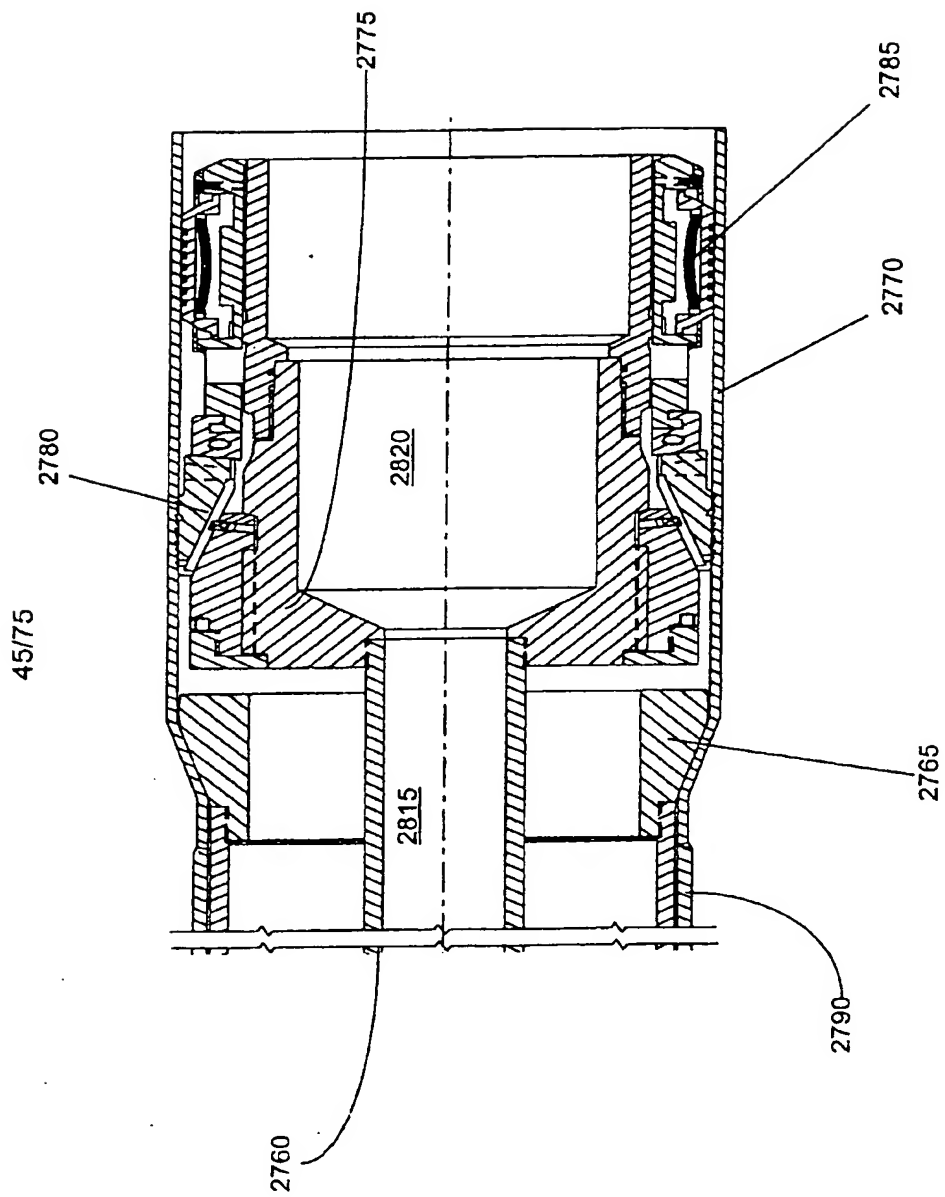


FIGURE 19b



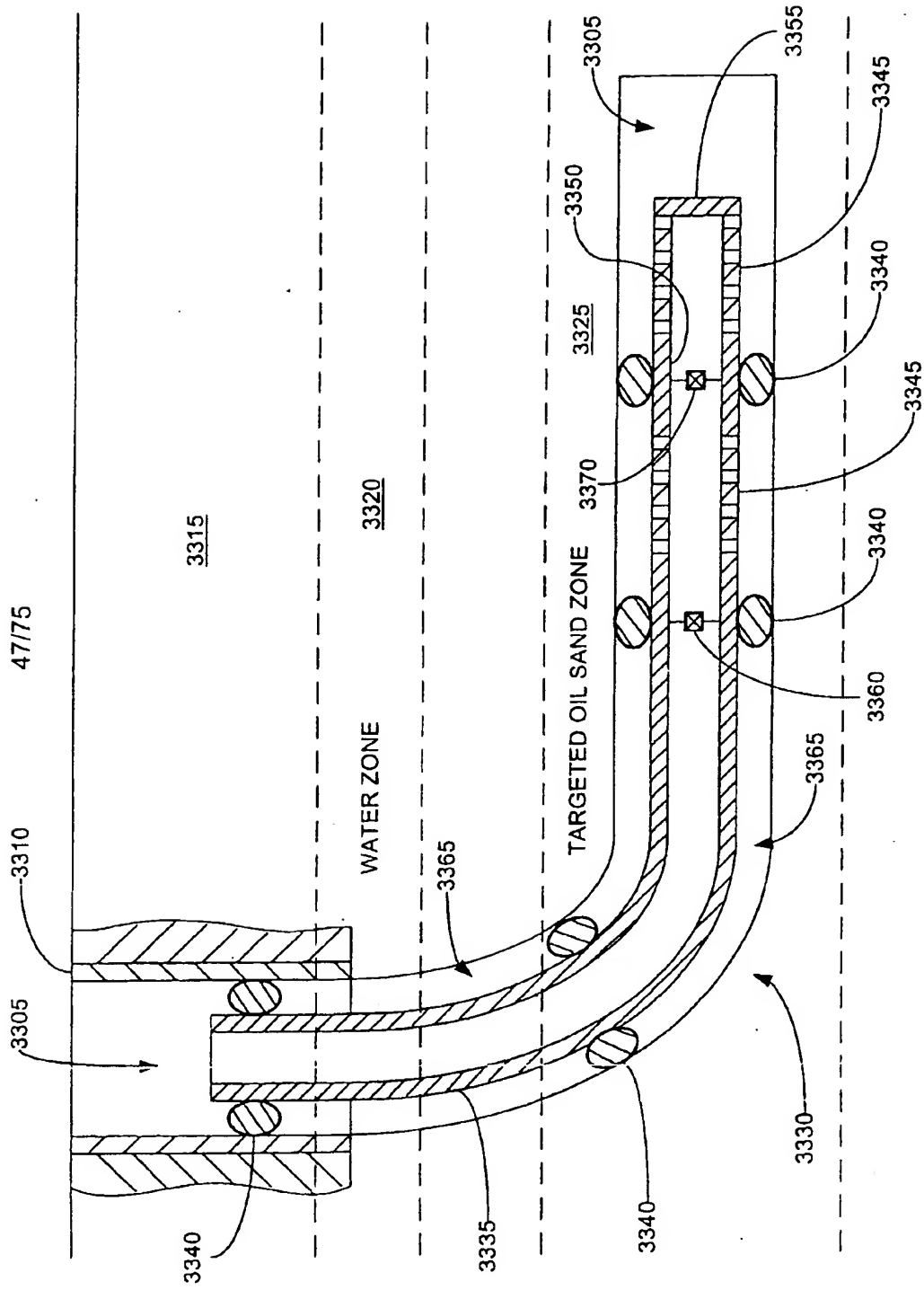


FIGURE 21



FIGURE 22A

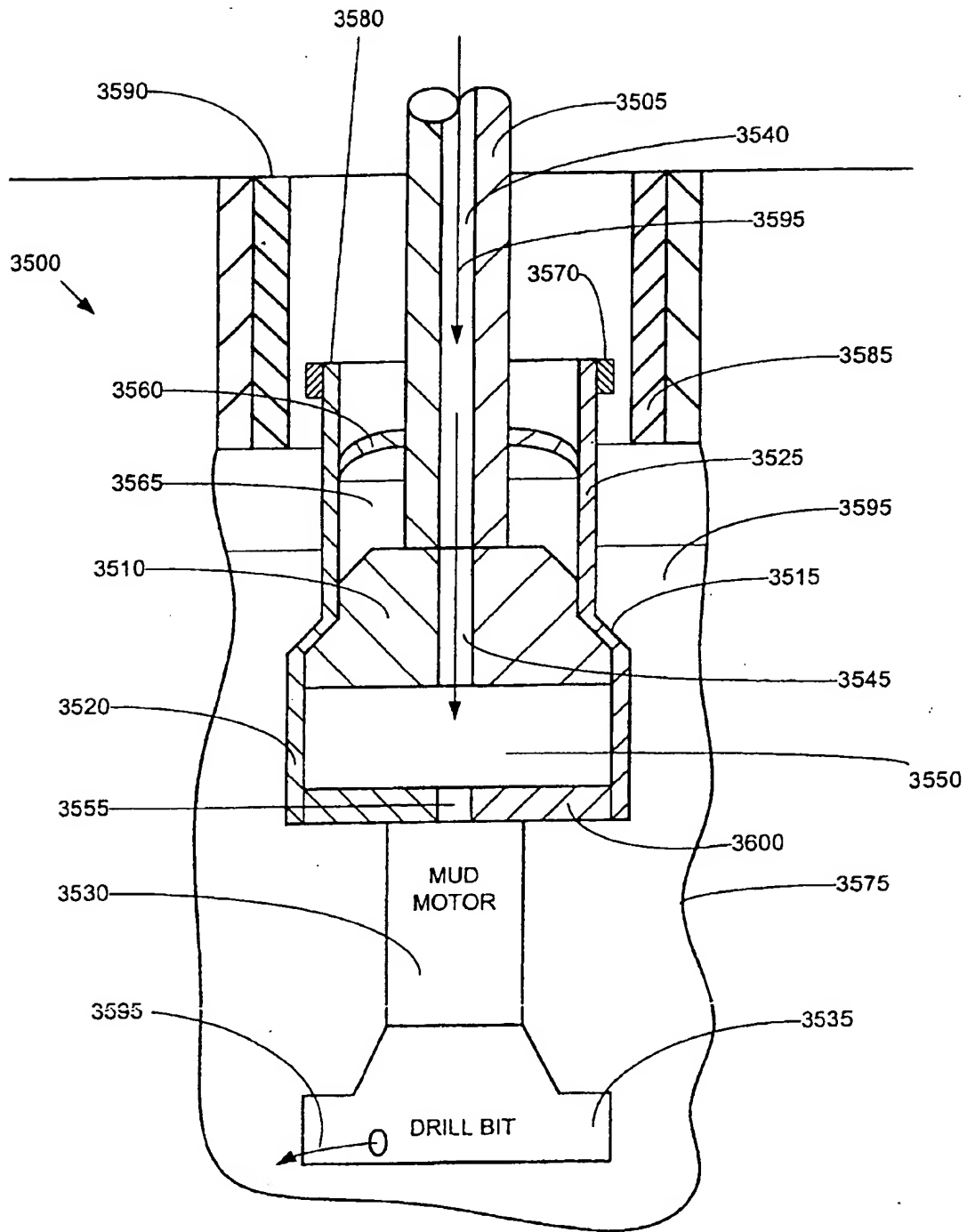


FIGURE 22B

FIGURE 22C

FIGURE 22D

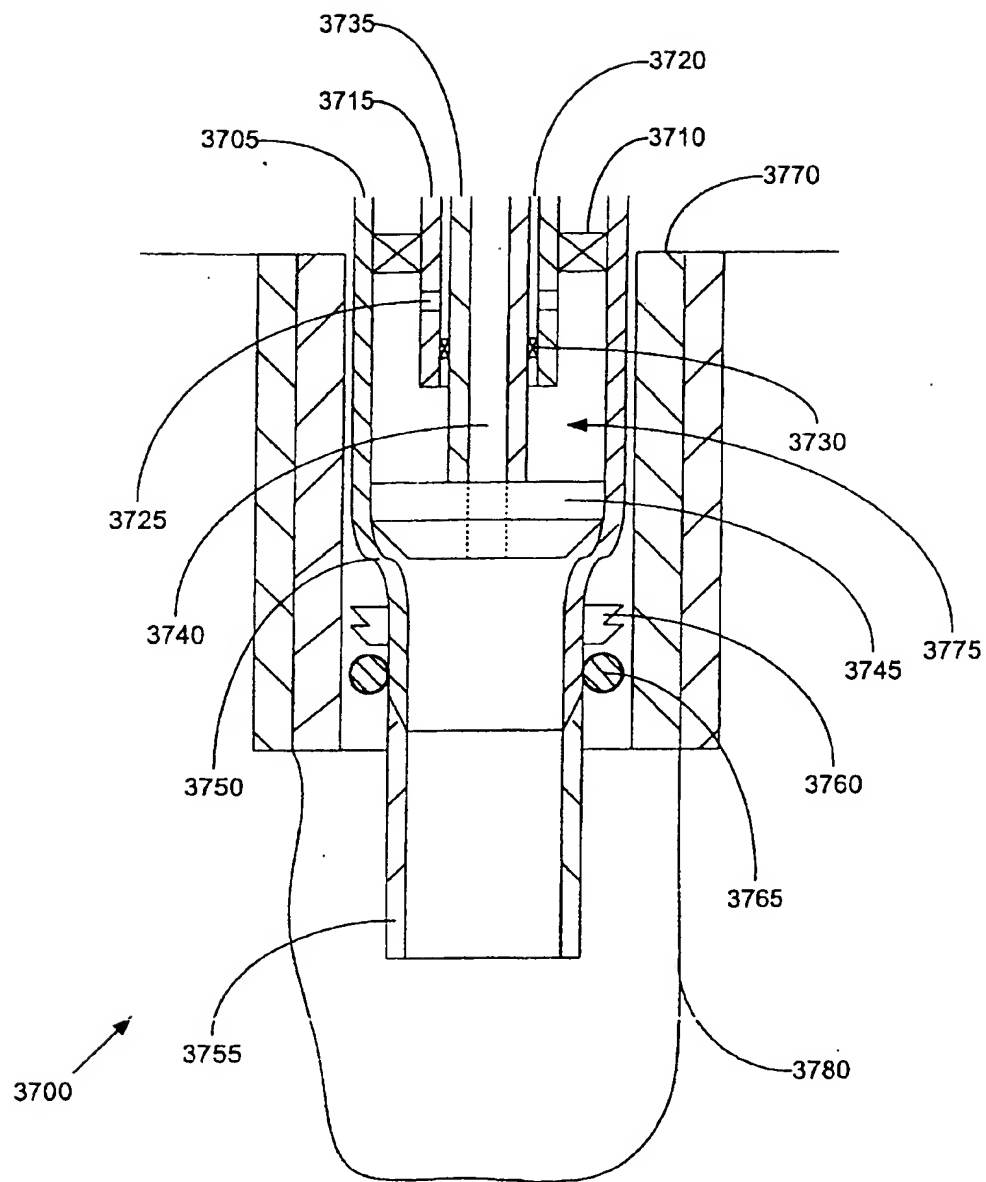


FIGURE 23A

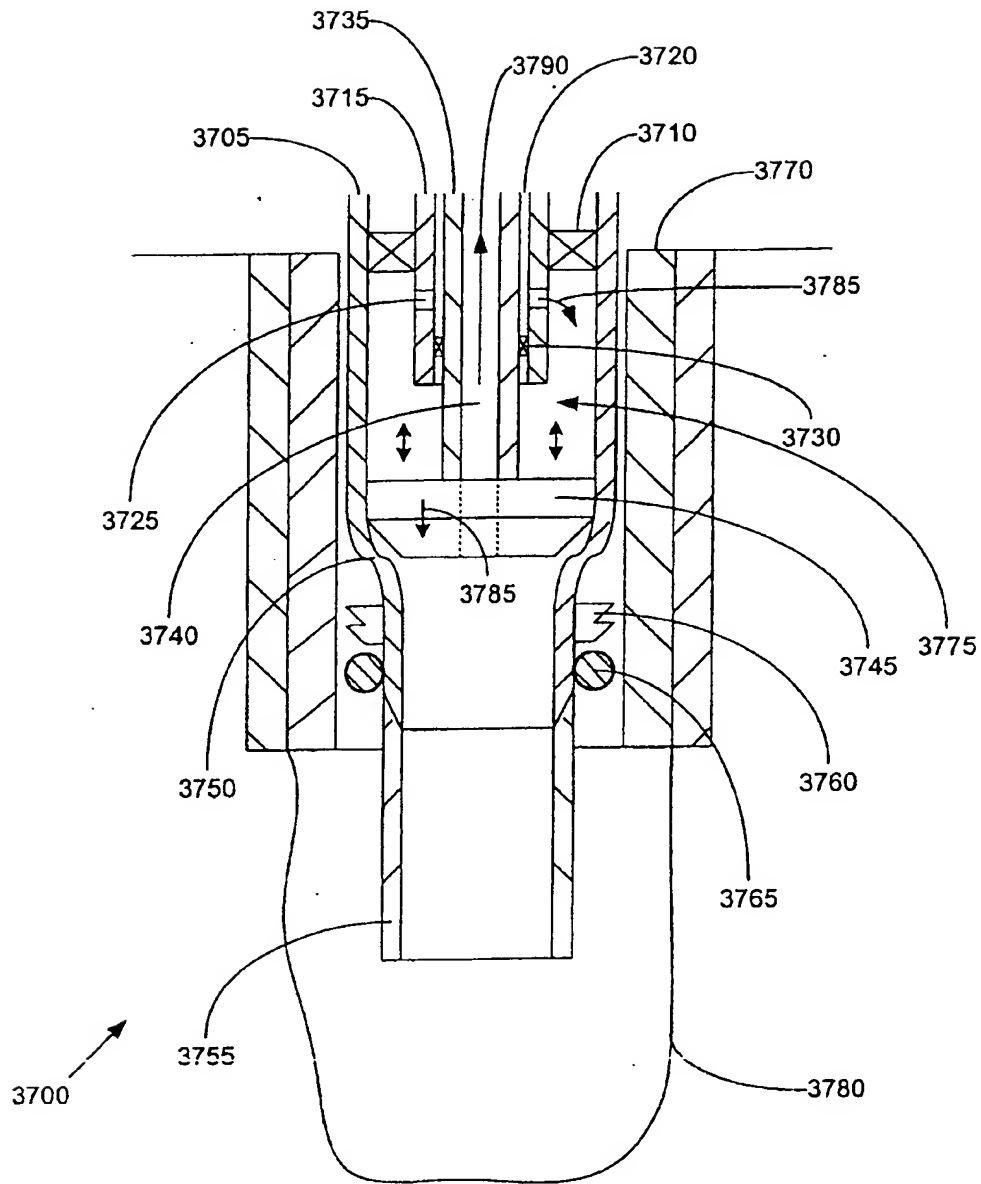


FIGURE 23B

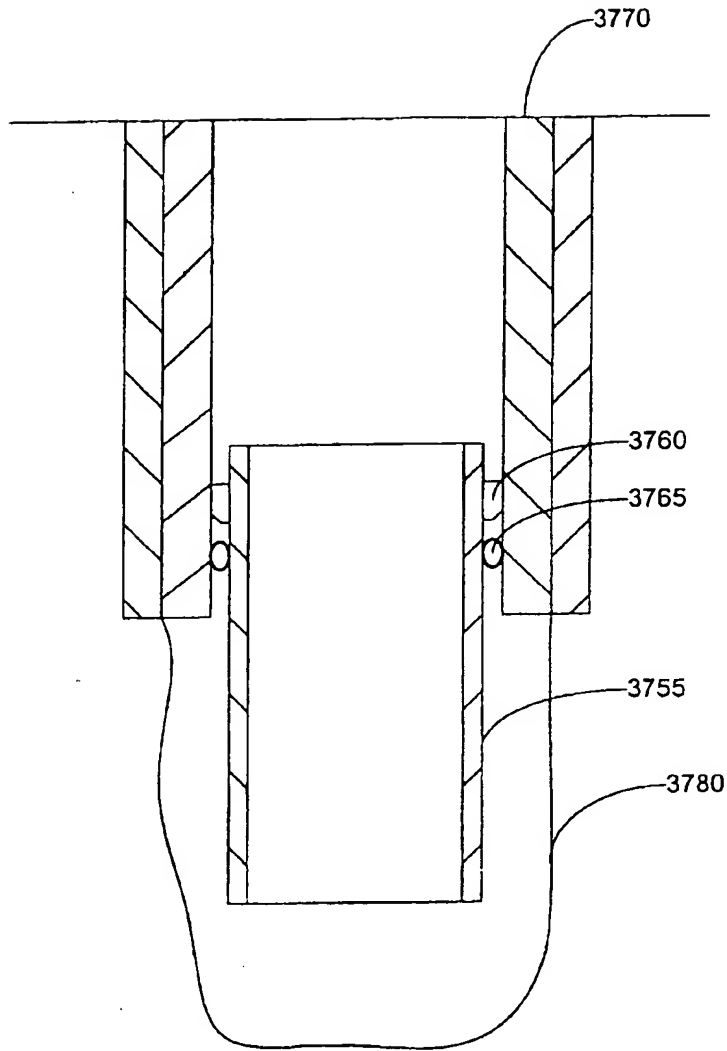
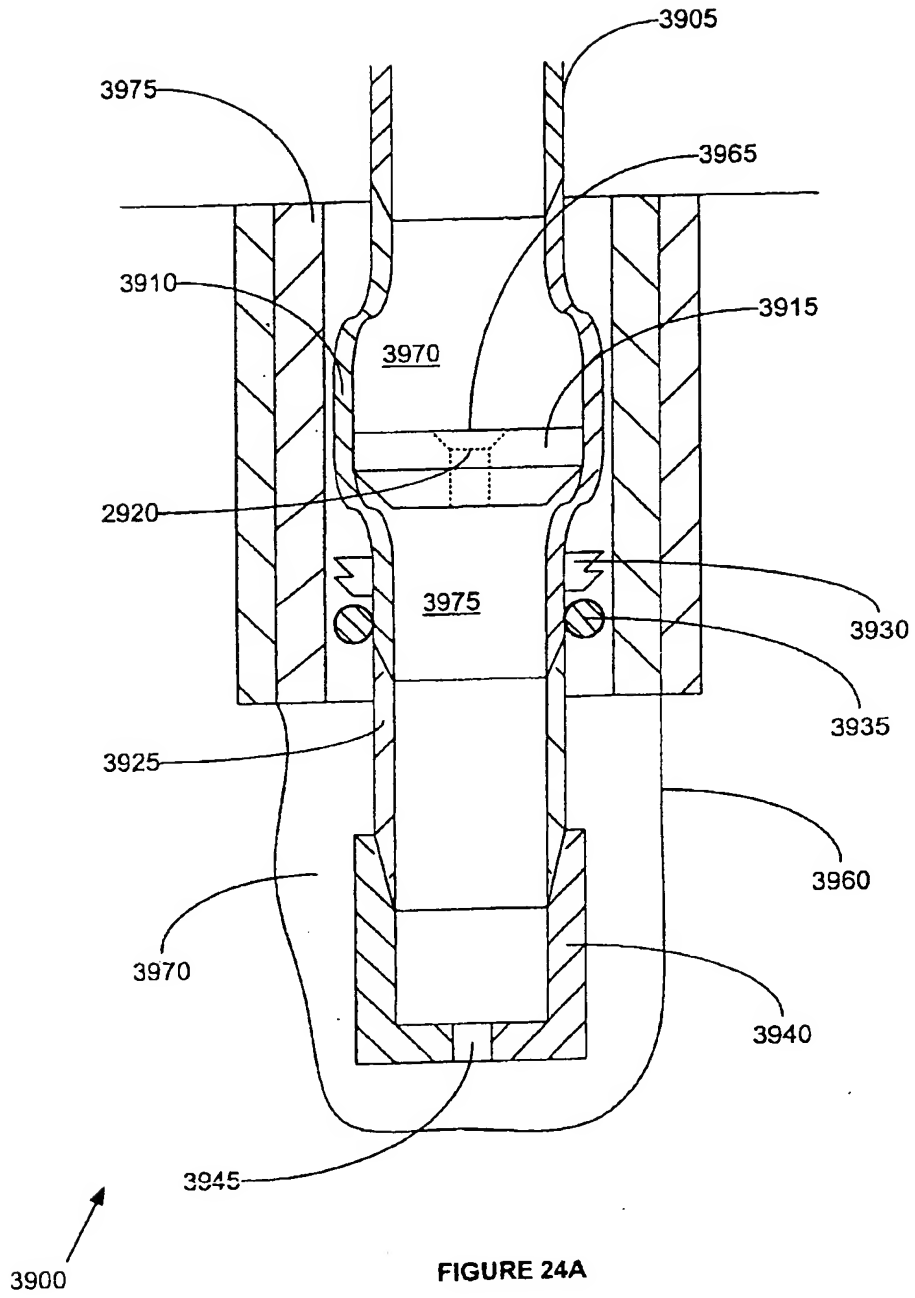


FIGURE 23C



56/75

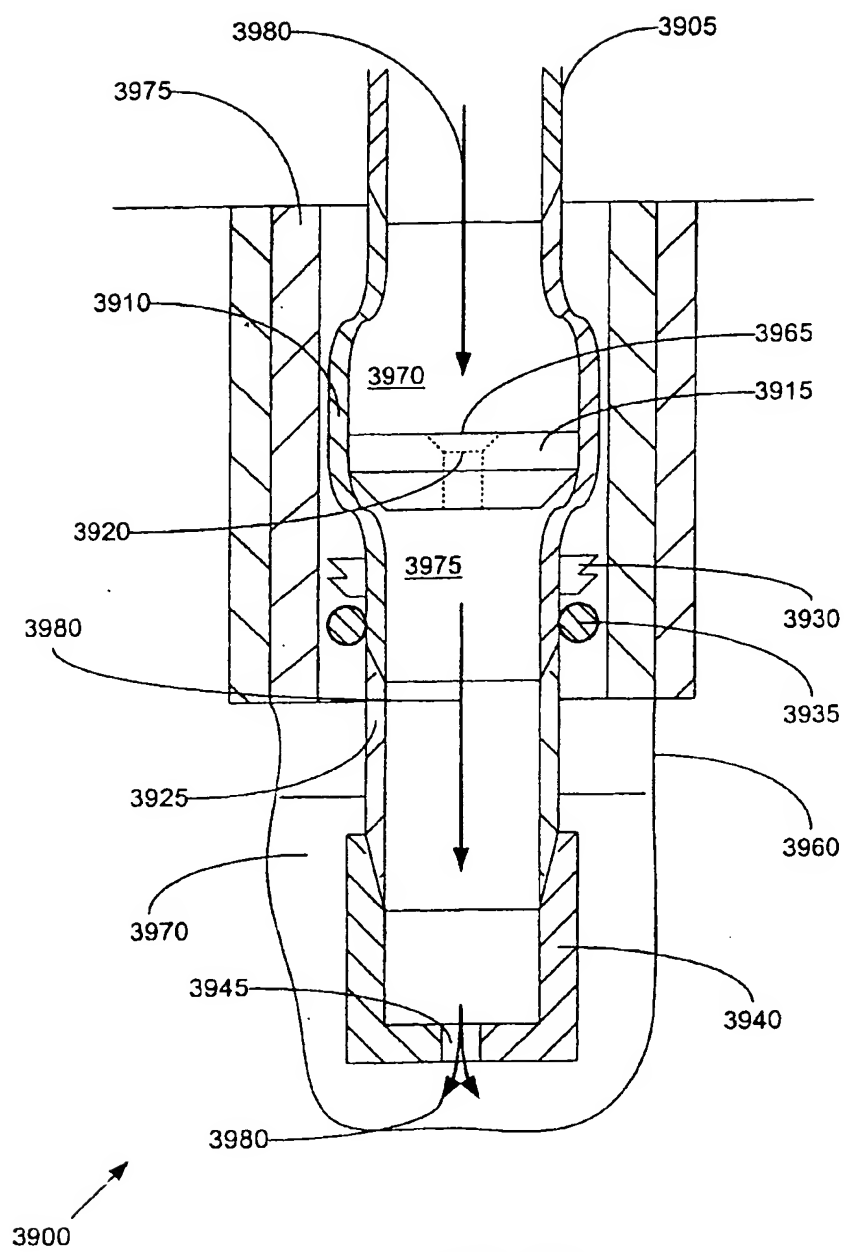


FIGURE 24B

57/75

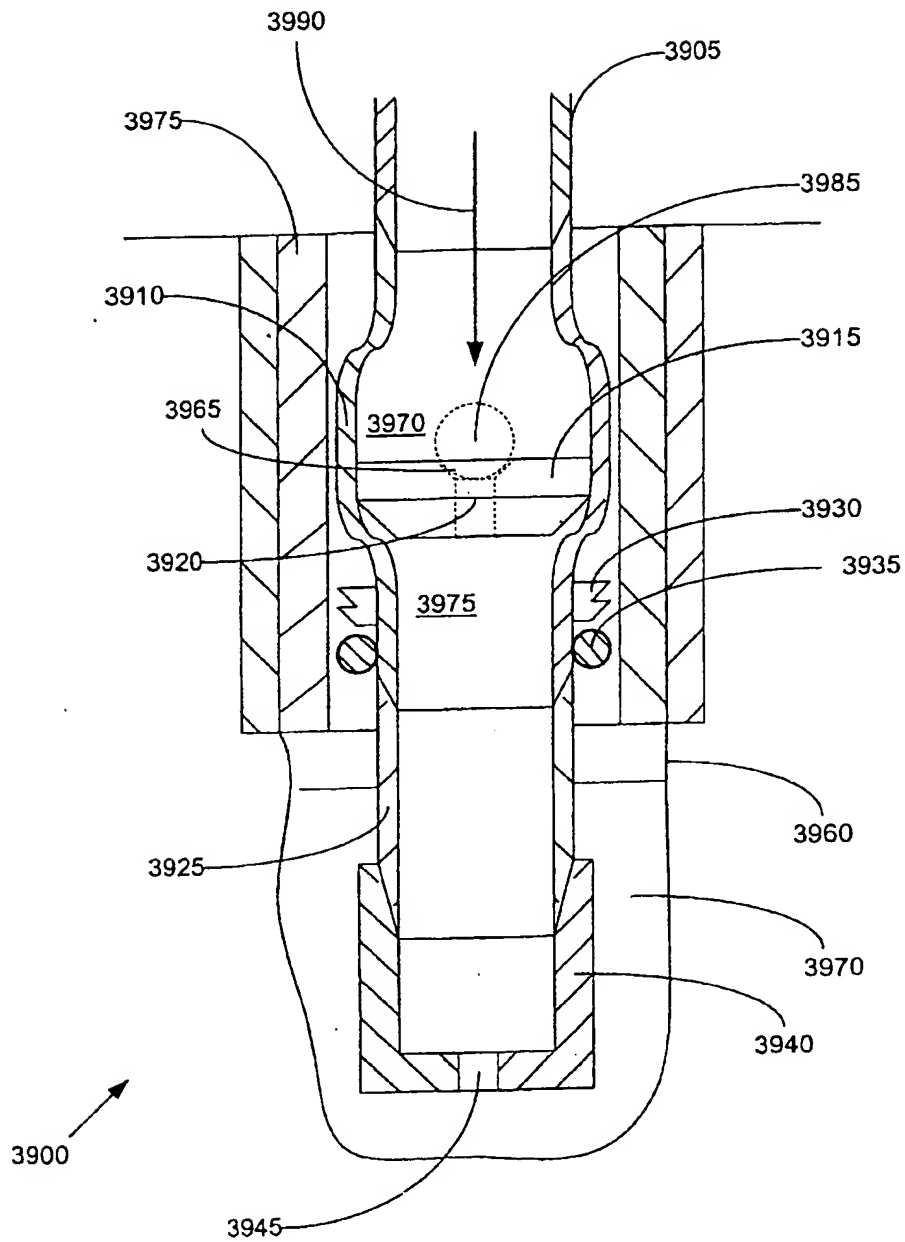


FIGURE 24C

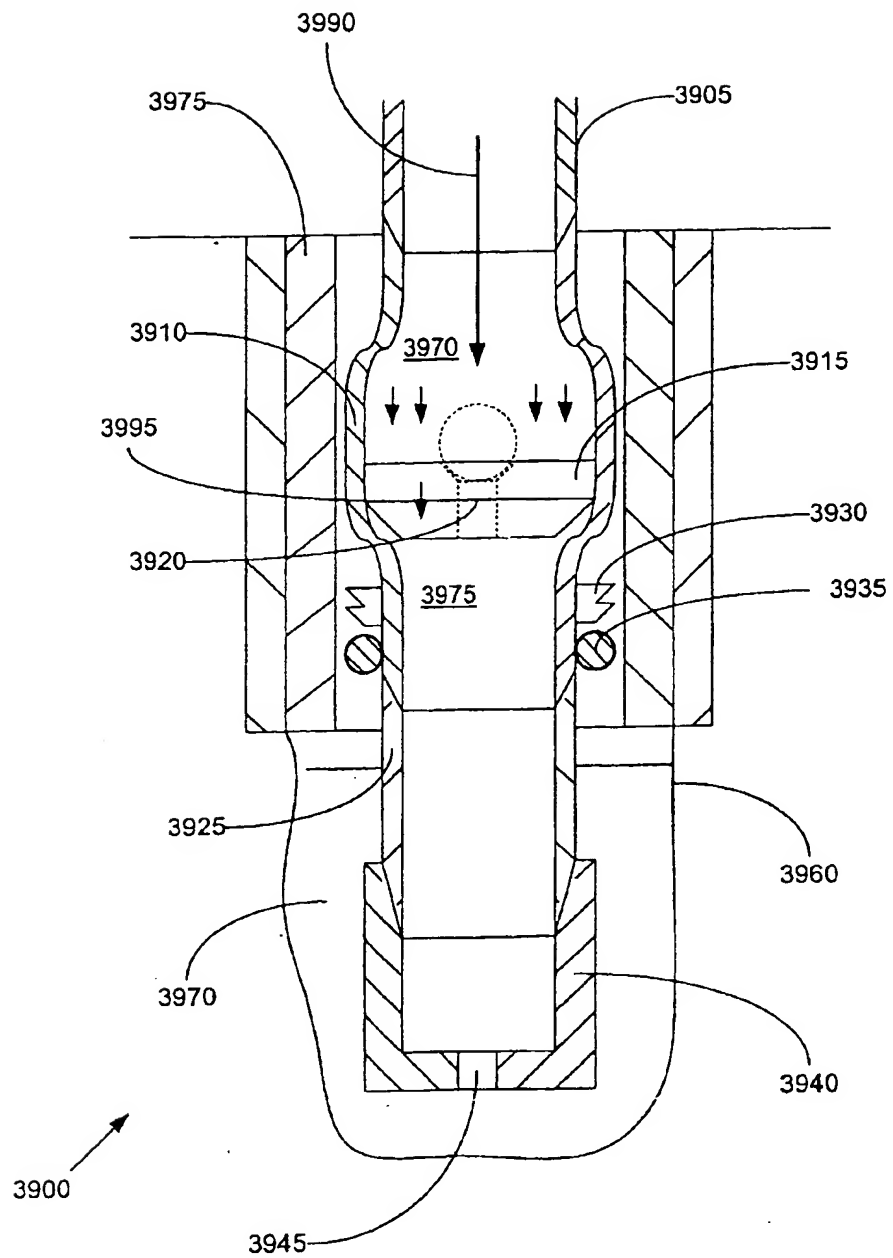


FIGURE 24D

59/75

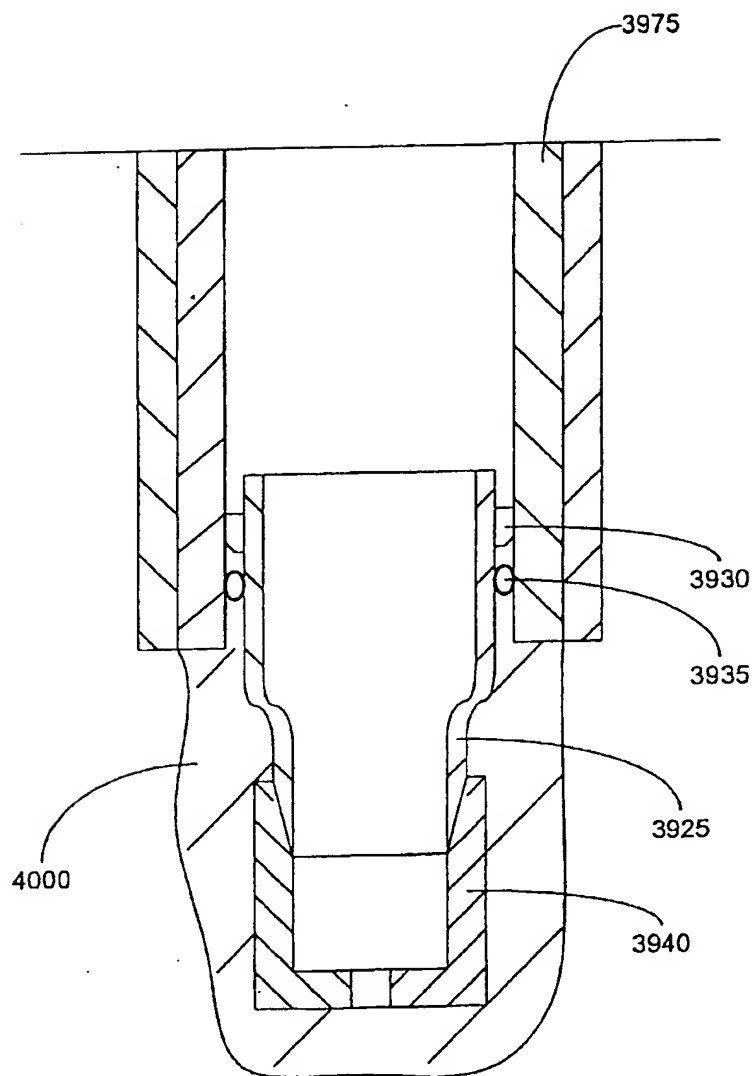


FIGURE 24E

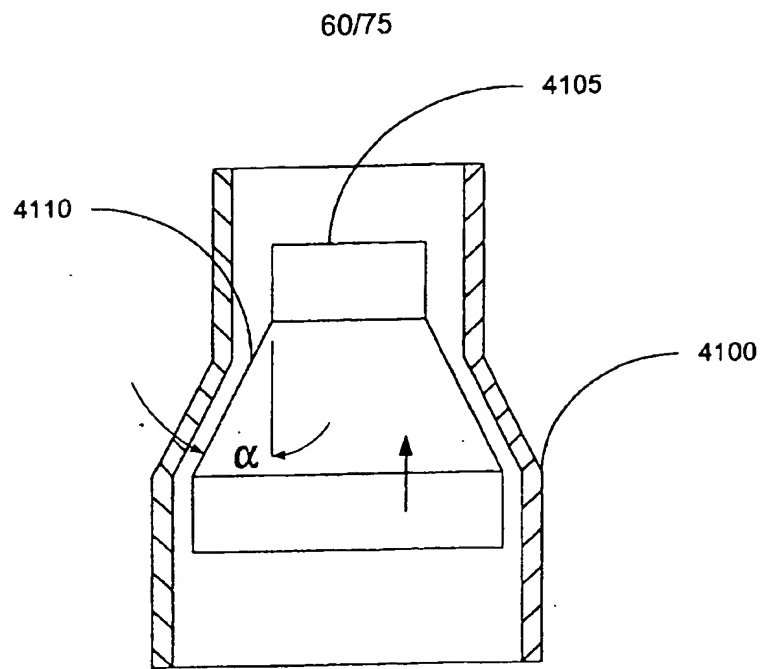


FIGURE 25

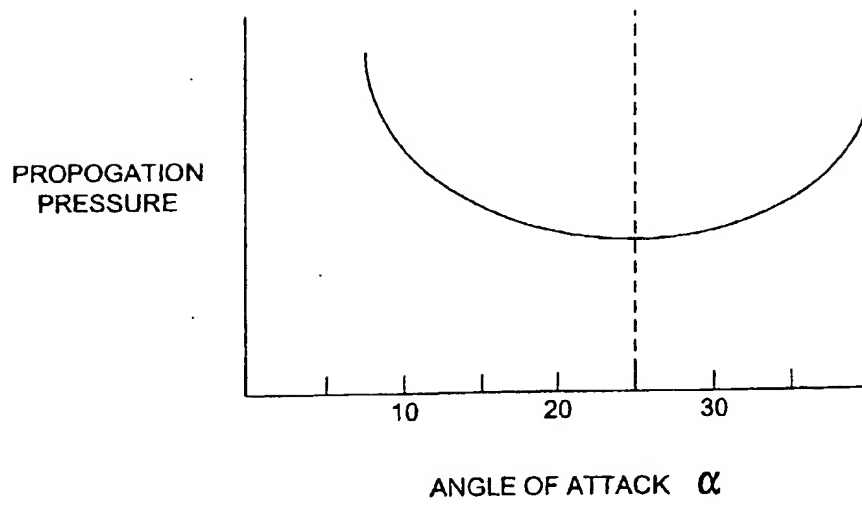


FIGURE 26

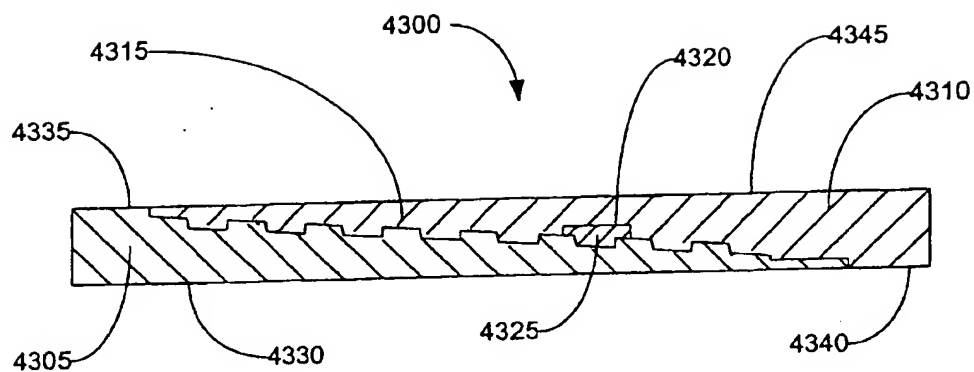


FIGURE 27

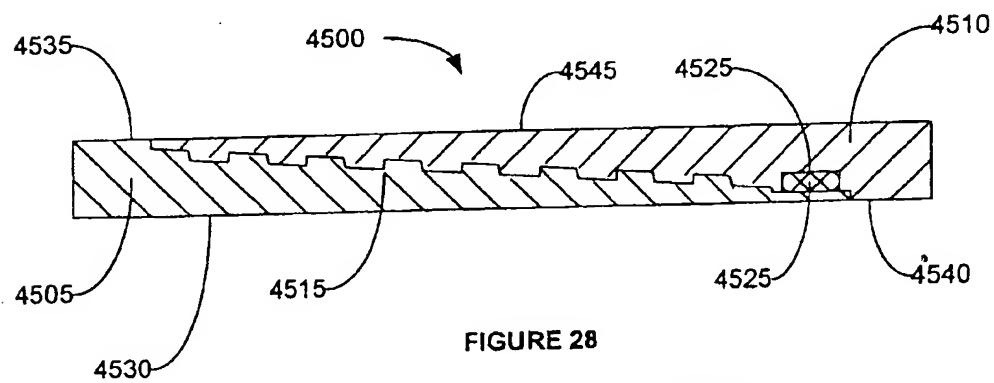


FIGURE 28

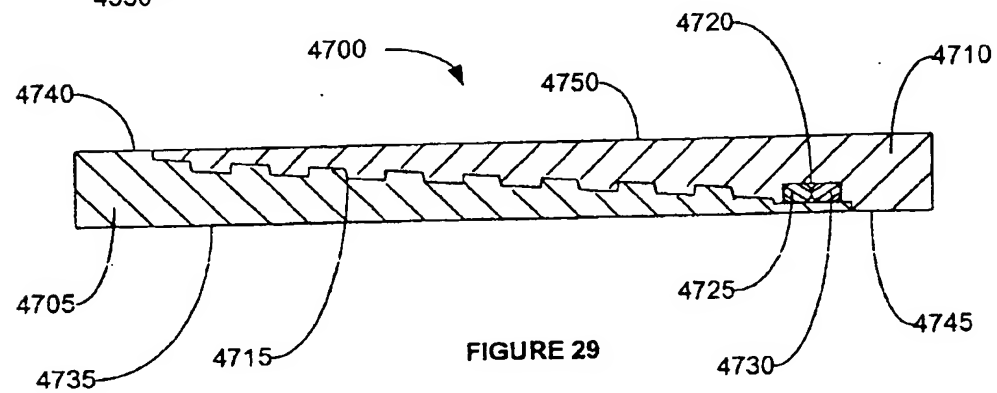
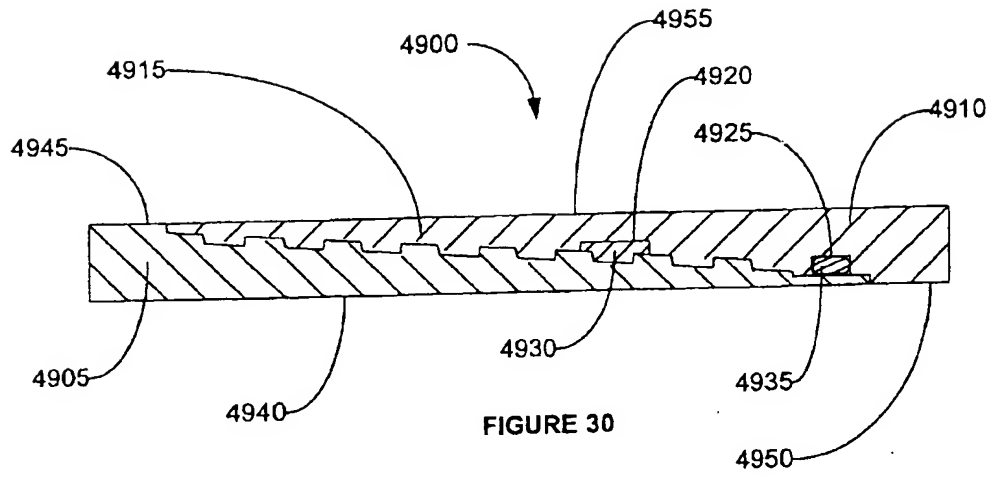


FIGURE 29



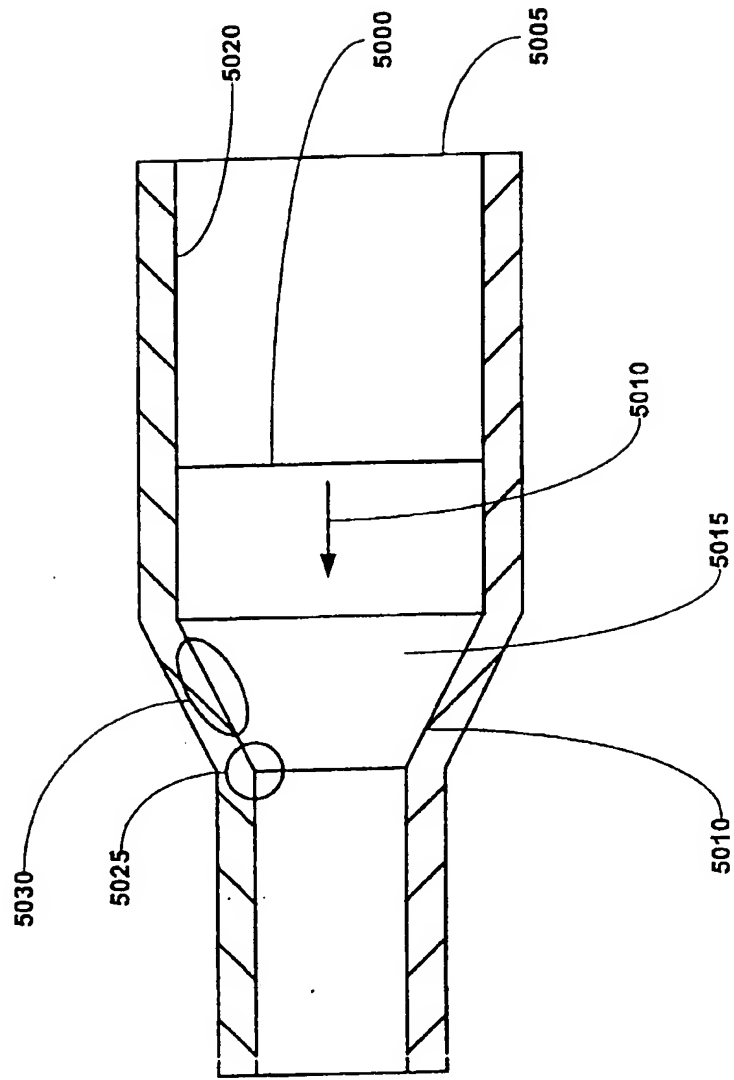
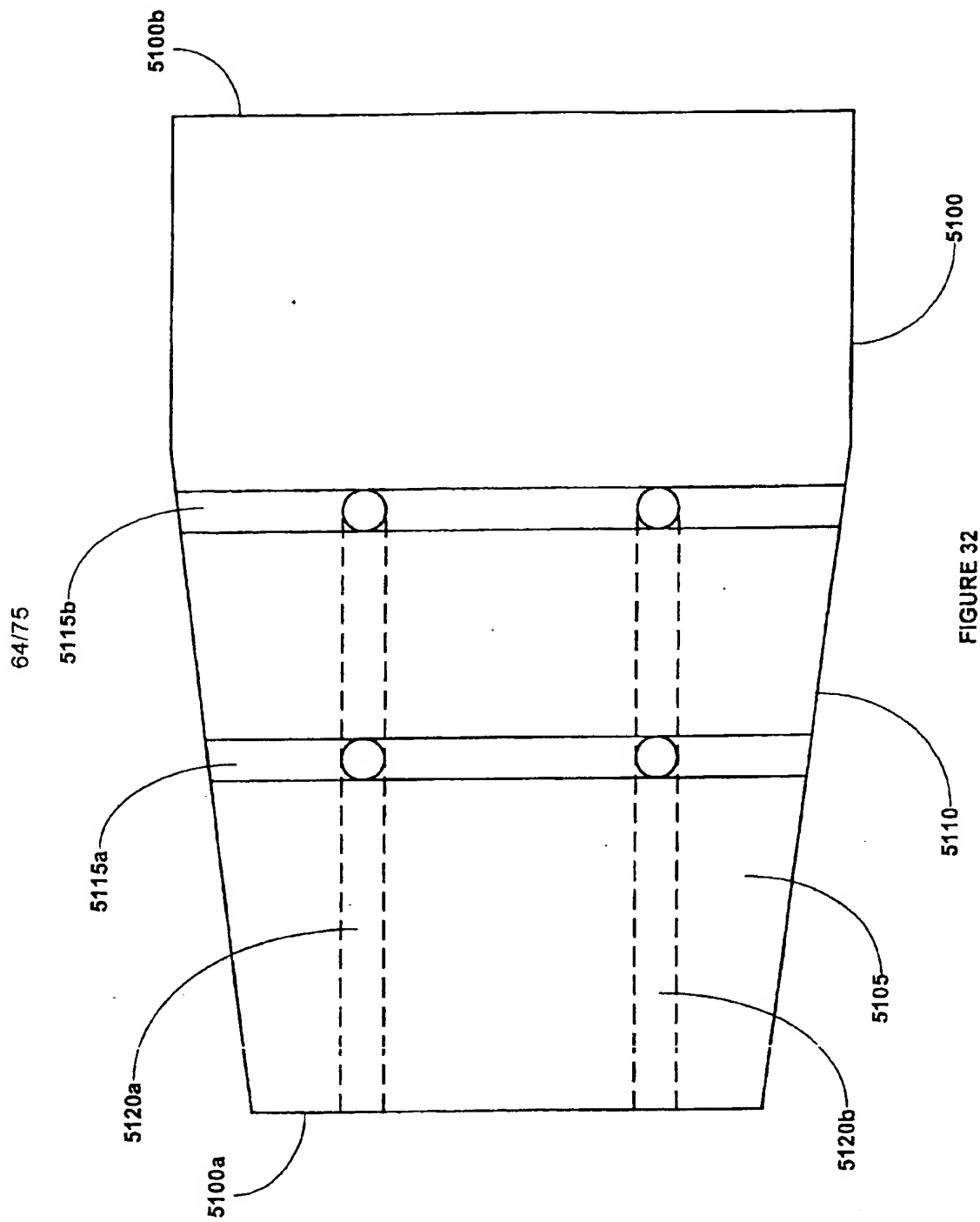


FIGURE 31



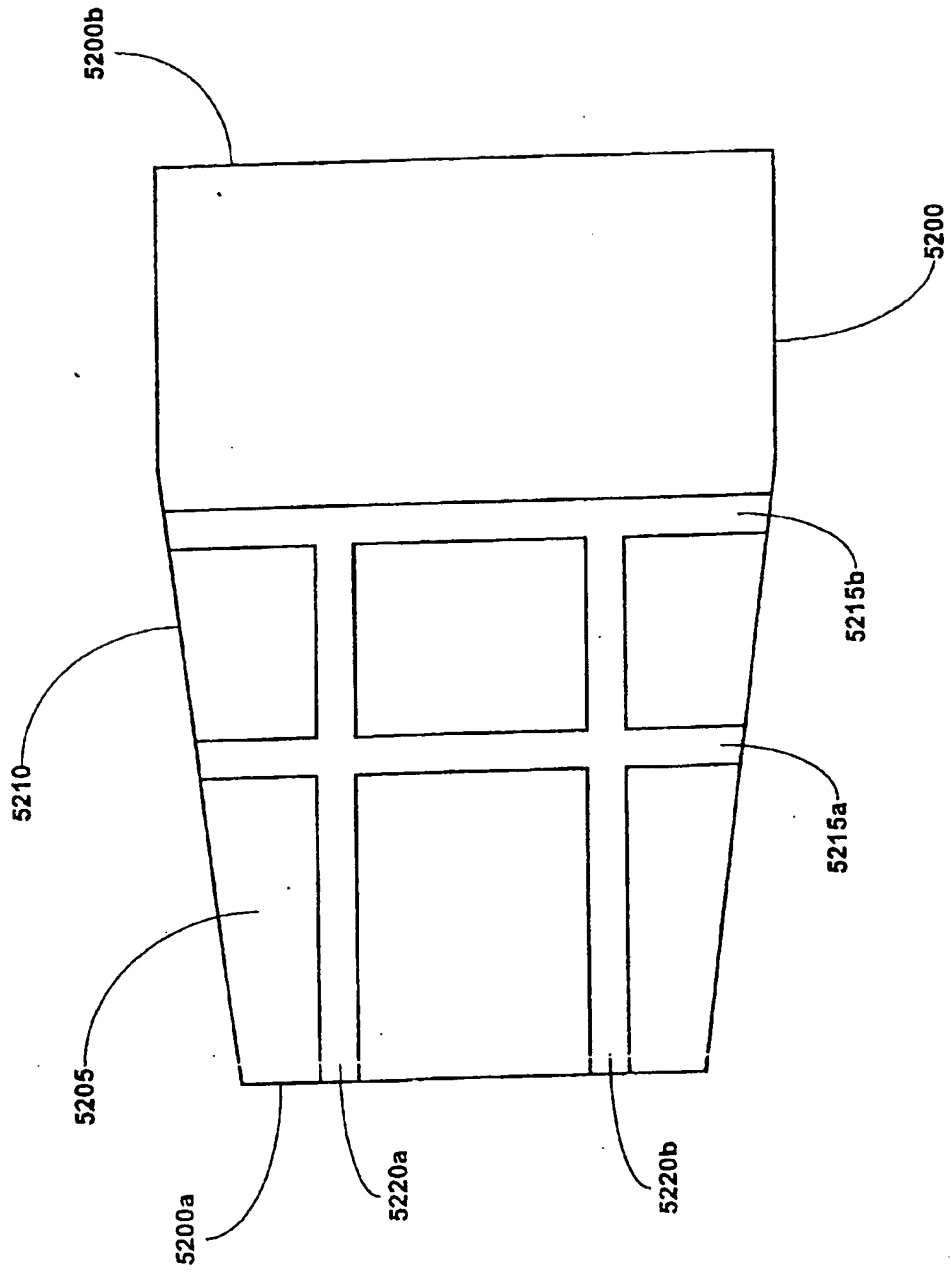


FIGURE 33

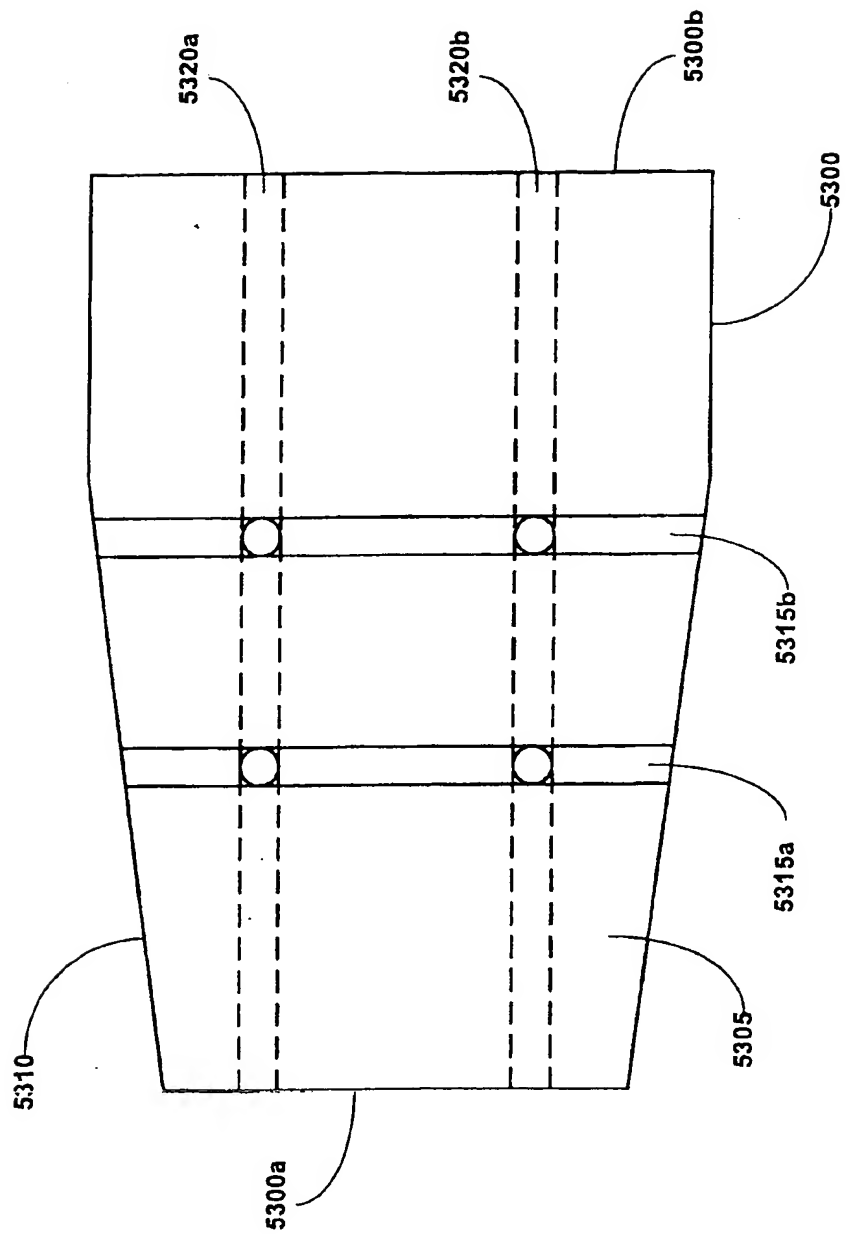


FIGURE 34

67/75

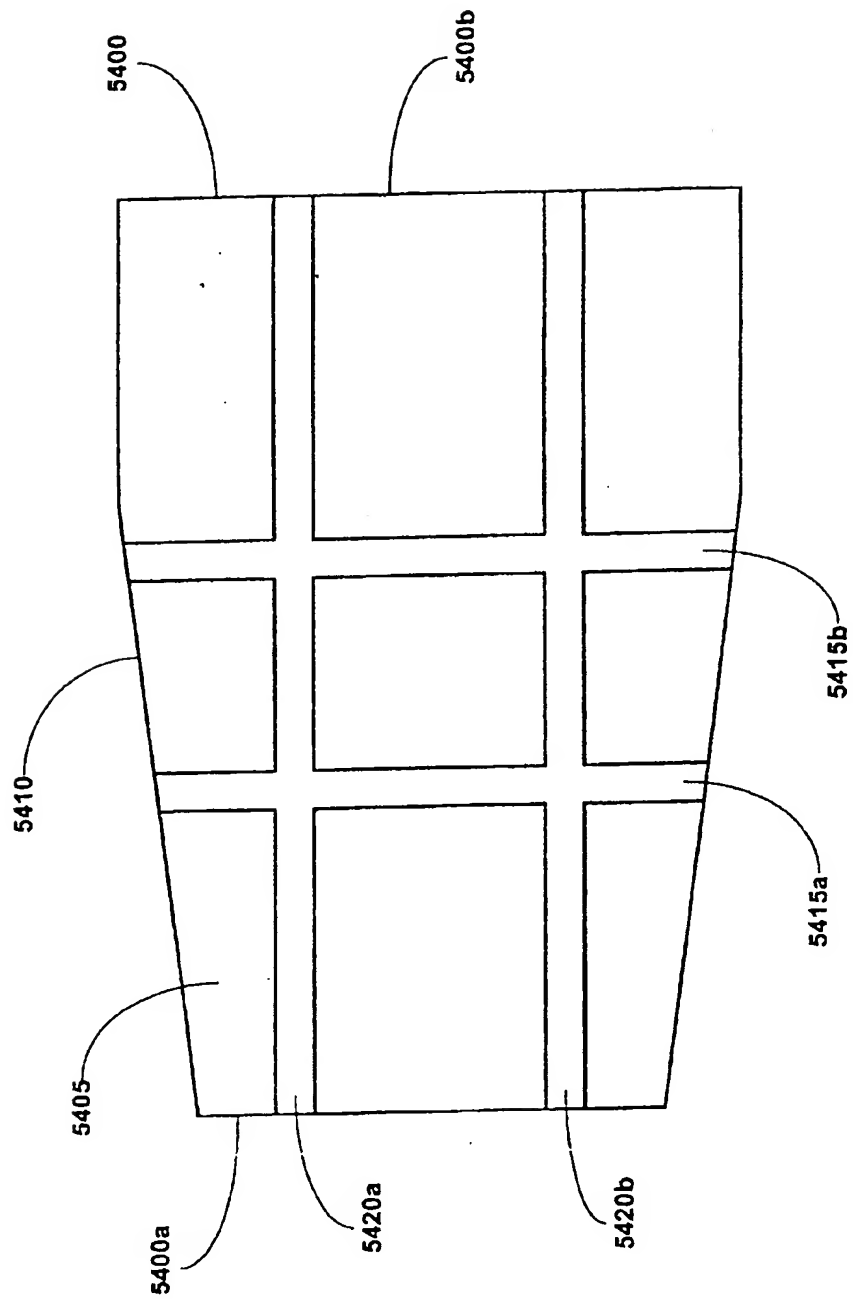


FIGURE 35

68/75

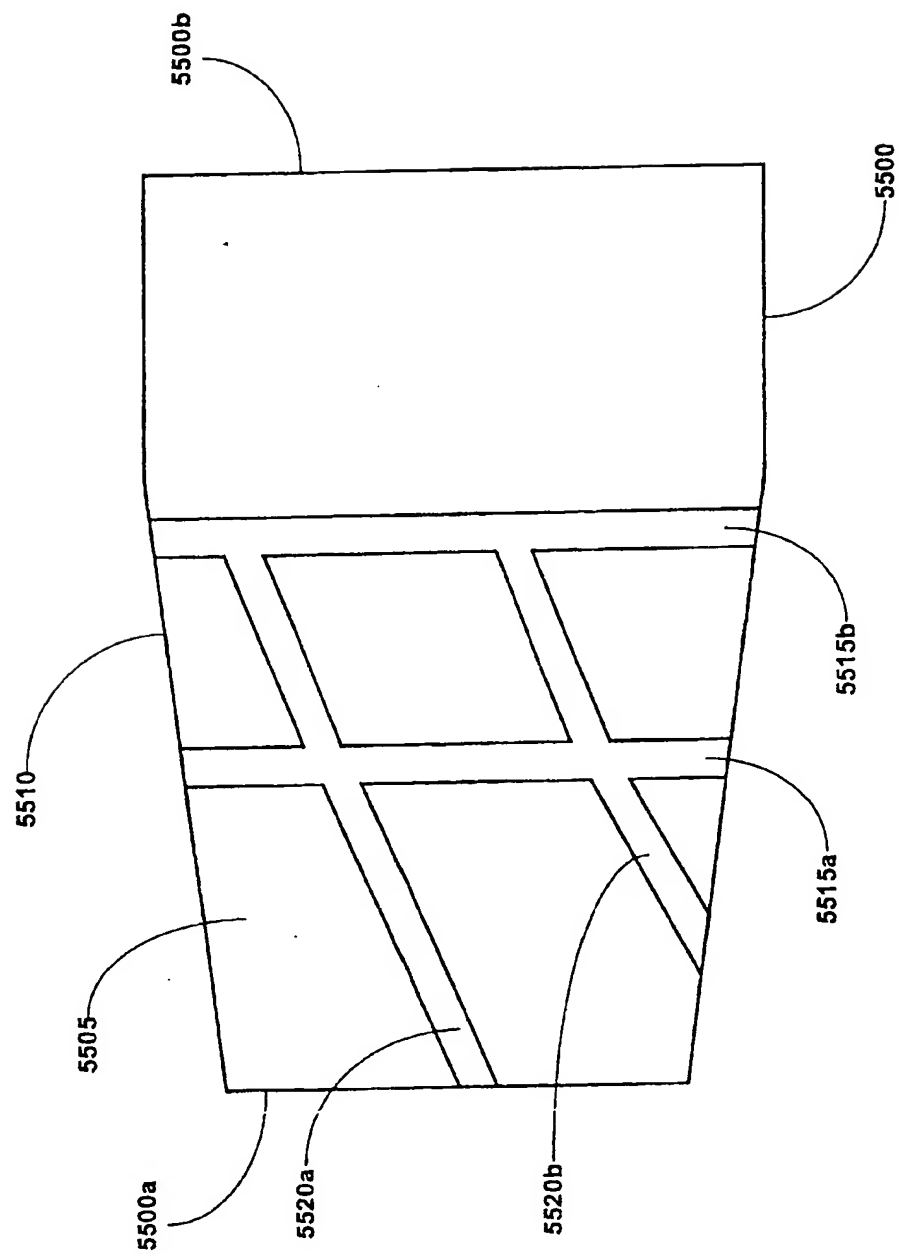


FIGURE 36

69/75

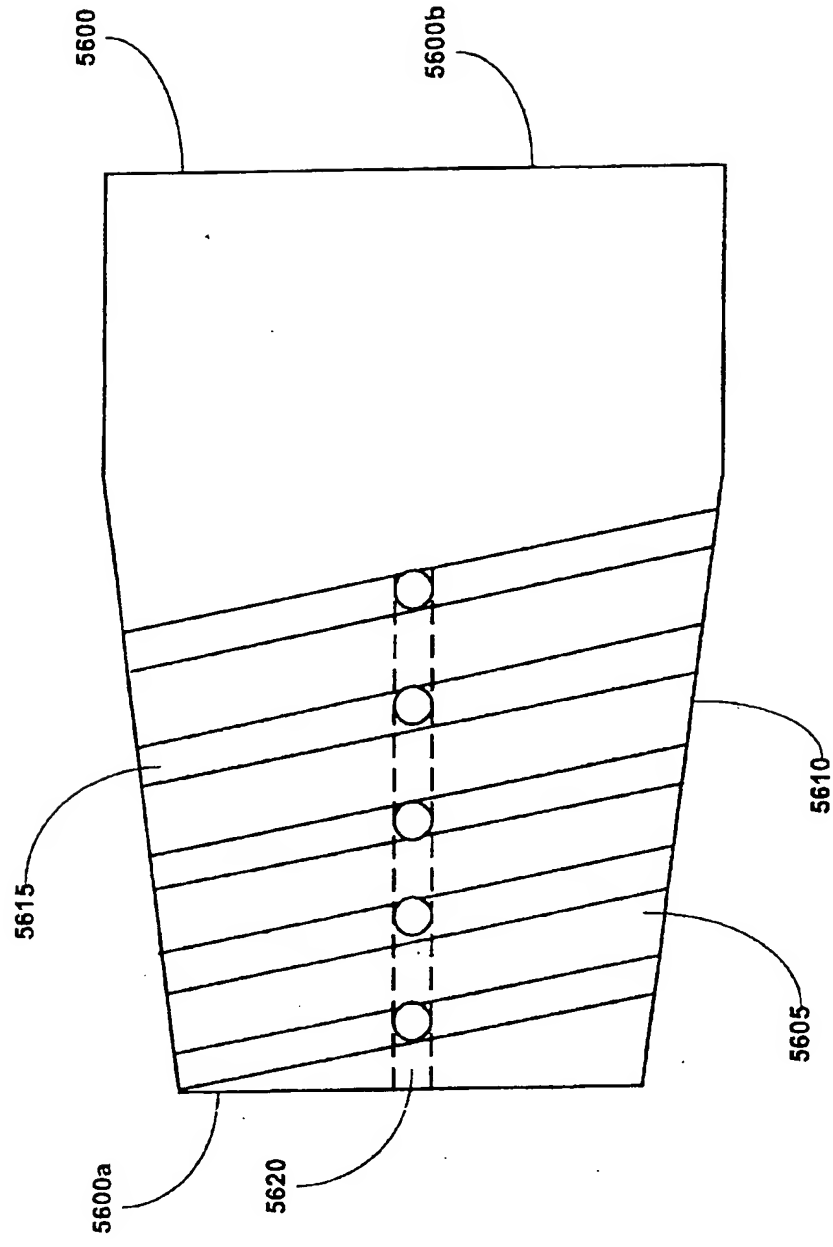


FIGURE 37

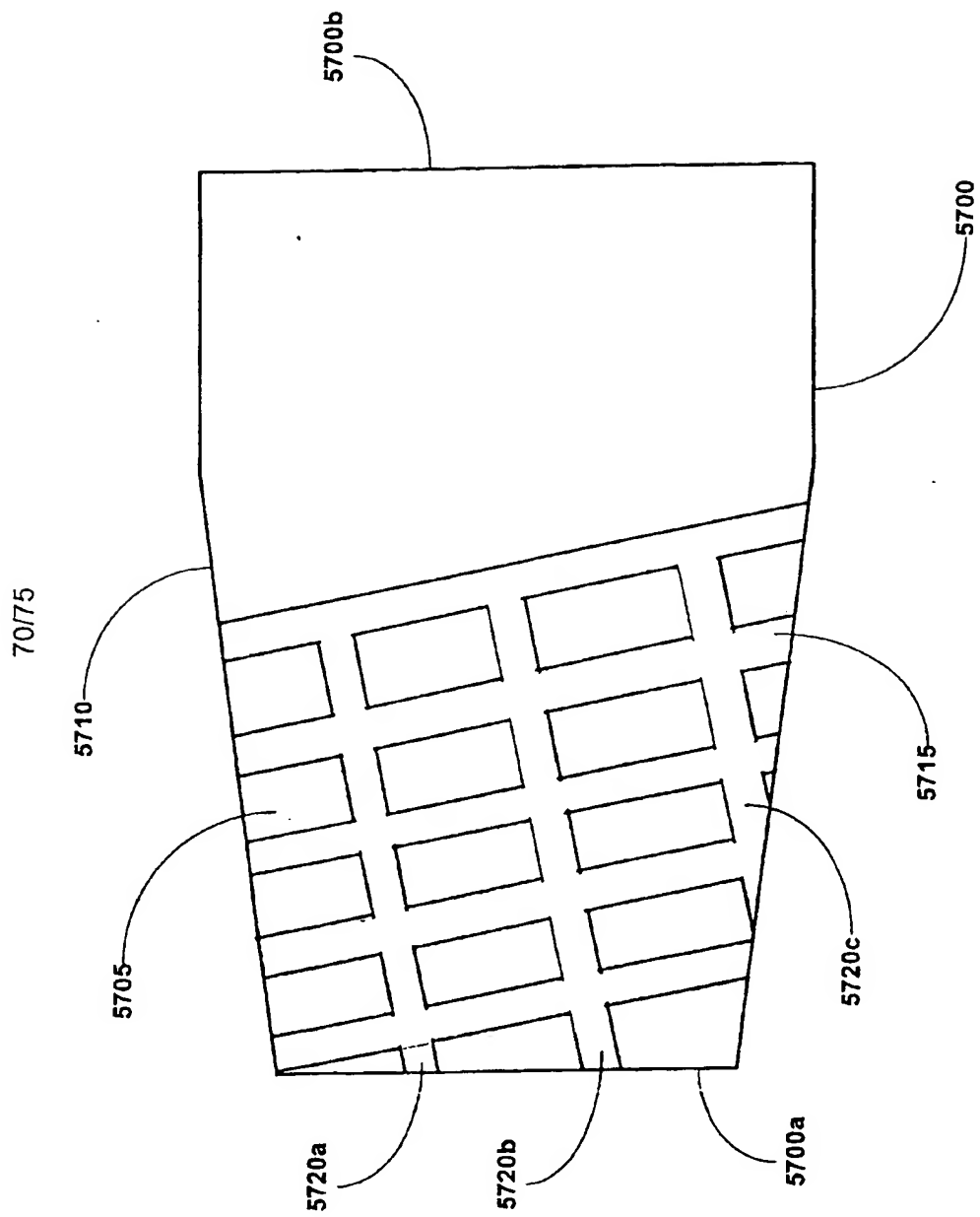


FIGURE 38

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